

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080923\
 Data File : P0096873.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Aug 2023 00:31
 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: Aug 10 01:39:38 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	3.619	164.8E6	67651320	49.775	51.104
2) SA Decachlor...	10.352	8.639	113.1E6	55304742	51.694	47.803
Target Compounds						
3) L1 AR-1016-1	5.595	4.704	1299856	664725	13.801	14.993
4) L1 AR-1016-2	5.620	4.723	1596822	541182	11.937	8.847 #
5) L1 AR-1016-3	5.683	4.900	748464	411757	8.601	12.604 #
6) L1 AR-1016-4	5.782	4.942	848437	15723429	12.631	550.032 #
7) L1 AR-1016-5	6.084	5.155	18127880	9720350	259.649	252.828
8) L2 AR-1221-1	4.626	0.000	73264	0	1.798	N.D. #
9) L2 AR-1221-2	4.721	3.918	2327161	930064	76.602	71.982
10) L2 AR-1221-3	4.787	3.993	486469	239007	5.558	6.021
11) L3 AR-1232-1	4.787	3.993	486469	239007	6.670	7.389
12) L3 AR-1232-2	5.325	4.723	1017219	541182	25.658	18.757 #
13) L3 AR-1232-3	5.620	4.900	1596822	411757	26.104	27.157
14) L3 AR-1232-4	5.782	4.983	848437	4898948	27.805	327.806 #
15) L3 AR-1232-5	5.875	5.155	32253790	9720350	1152.613	594.634 #
16) L4 AR-1242-1	5.595	4.704	1299856	664725	15.508	16.861
17) L4 AR-1242-2	5.620	4.723	1596822	541182	13.560	9.932 #
18) L4 AR-1242-3	5.683	4.900	748464	411757	10.132	13.925 #
19) L4 AR-1242-4	5.782	4.983	848437	4898948	14.252	155.454 #
20) L4 AR-1242-5	6.540	5.508	14918376	35397676	271.146	971.498 #
21) L5 AR-1248-1	5.595	4.704	1299856	664725	22.184	23.687
22) L5 AR-1248-2	5.875	4.942	32253790	15723429	343.061	371.002
23) L5 AR-1248-3	6.084	4.983	18127880	4898948	185.340	111.682 #
24) L5 AR-1248-4	6.496	5.155	22355153	9720350	246.084	190.409
25) L5 AR-1248-5	6.540	5.549	14918376	4327809	169.361	92.570 #
26) L6 AR-1254-1	6.470	5.508	50862617	35397676	465.388	479.668
27) L6 AR-1254-2	6.694	5.657	75404786	30816688	467.692	467.768
28) L6 AR-1254-3	7.071	6.061	75087889	48424303	479.192	479.152
29) L6 AR-1254-4	7.364	6.291	50529981	28666831	501.199	495.325
30) L6 AR-1254-5	7.795	6.710	56698130	42615133	505.266	484.731
31) L7 AR-1260-1	7.239	6.192	30346136	24061430	241.440	341.937 #
32) L7 AR-1260-2	7.503	6.382	30792774	19260850	228.543	230.771
33) L7 AR-1260-3	7.857	6.534	8103628	19318853	78.089	250.181 #
34) L7 AR-1260-4	8.092	7.008	20915916	2756577	187.077	43.016 #
35) L7 AR-1260-5	8.439	7.251	6777115	5022327	32.275	36.227
36) L8 AR-1262-1	7.857	6.800	8103628	1750136	54.560	44.455
37) L8 AR-1262-2	8.439	7.008	6777115	2756577	29.279	33.988
38) L8 AR-1262-3	8.736	7.536	-6258	264161	N.D.	4.116 #
39) L8 AR-1262-4	8.832	7.597	2445380	4687931	33.541	41.267
40) L8 AR-1262-5	9.546	8.100	752361	319063	9.034	6.075 #
41) L9 AR-1268-1	8.736	7.536	-6258	264161	N.D.	1.426 #

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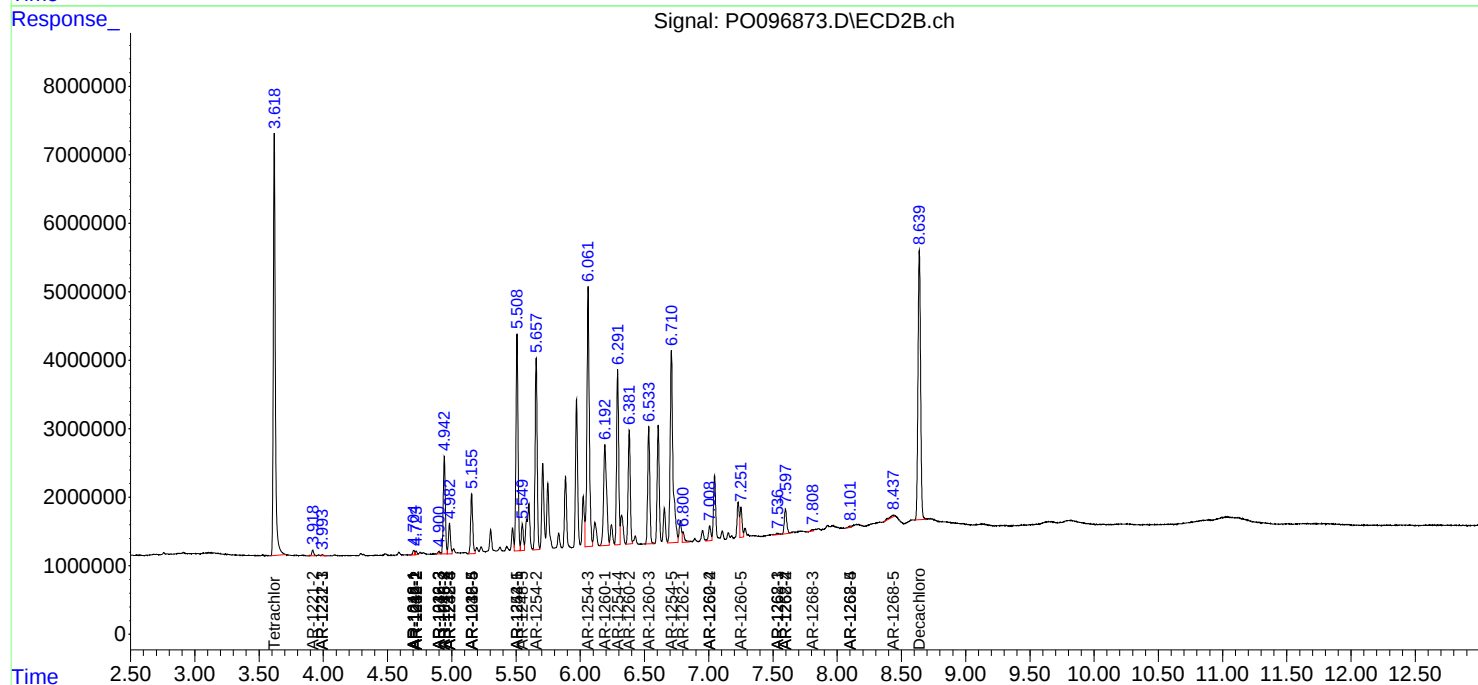
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

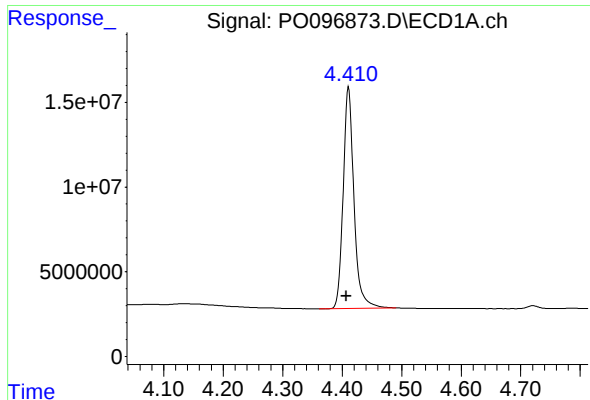
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.875	7.597	184040	4687931	0.671	27.956 #
43) L9	AR-1268-3	9.096	7.809	286967	111887	1.124	0.774 #
44) L9	AR-1268-4	9.546	8.100	752361	319063	8.115	5.356 #
45) L9	AR-1268-5	9.988	8.437f	801233	802248	0.992	1.929 #

(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

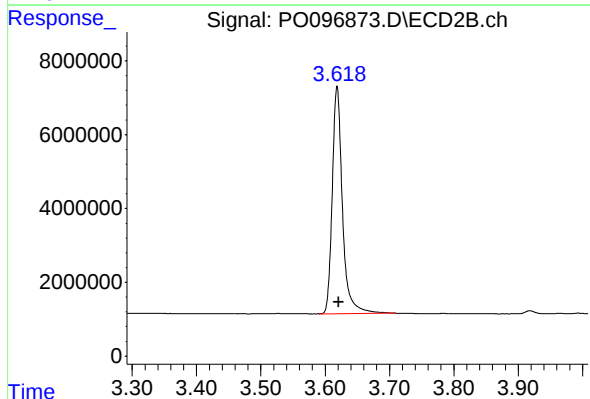




#1 Tetrachloro-m-xylene

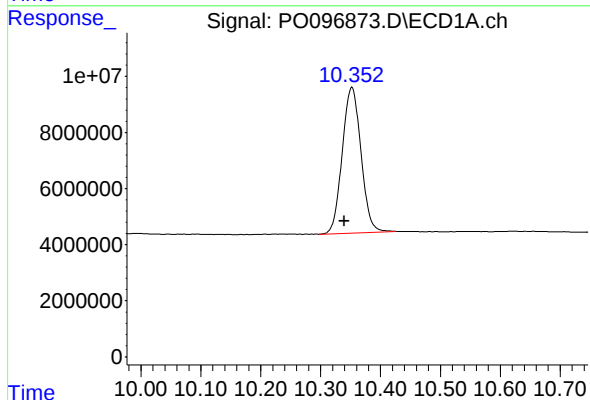
R.T.: 4.411 min
Delta R.T.: 0.004 min
Response: 164765072
Conc: 49.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



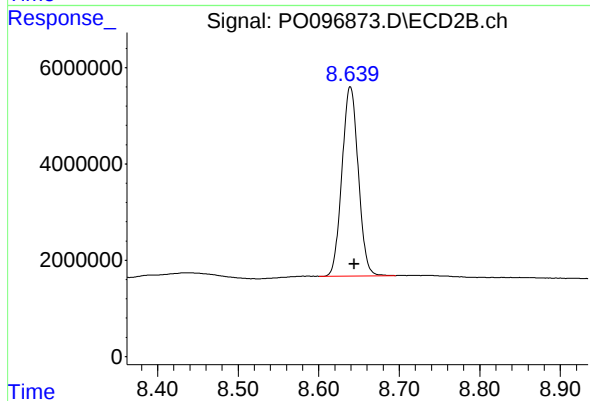
#1 Tetrachloro-m-xylene

R.T.: 3.619 min
Delta R.T.: -0.003 min
Response: 67651320
Conc: 51.10 ng/ml



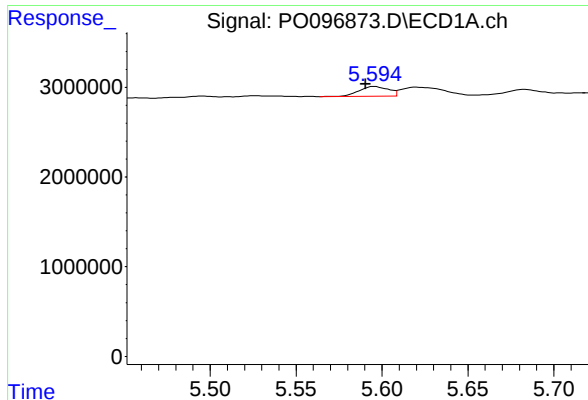
#2 Decachlorobiphenyl

R.T.: 10.352 min
Delta R.T.: 0.013 min
Response: 113115417
Conc: 51.69 ng/ml



#2 Decachlorobiphenyl

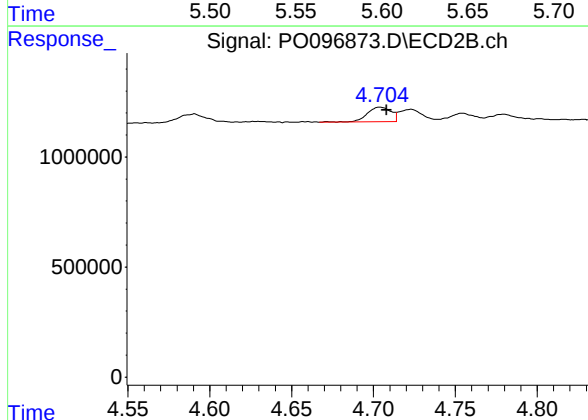
R.T.: 8.639 min
Delta R.T.: -0.005 min
Response: 55304742
Conc: 47.80 ng/ml



#3 AR-1016-1

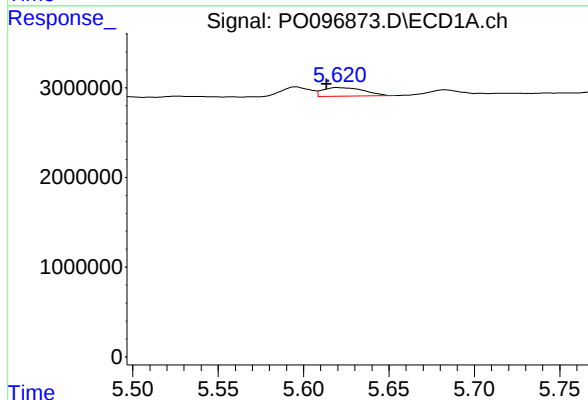
R.T.: 5.595 min
Delta R.T.: 0.005 min
Response: 1299856
Conc: 13.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



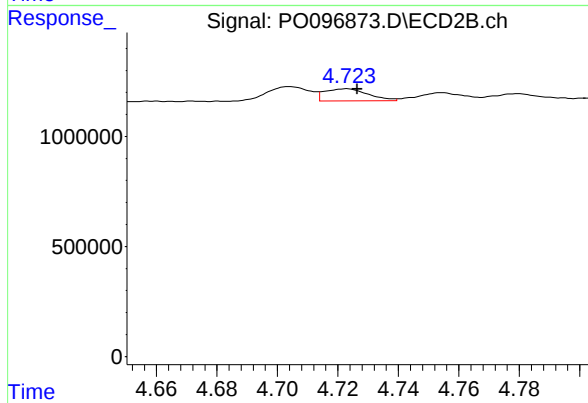
#3 AR-1016-1

R.T.: 4.704 min
Delta R.T.: -0.004 min
Response: 664725
Conc: 14.99 ng/ml



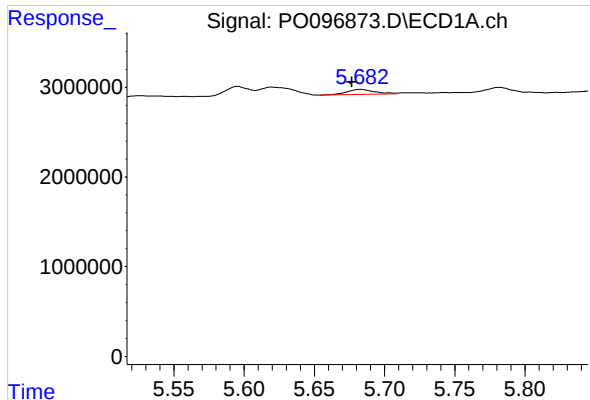
#4 AR-1016-2

R.T.: 5.620 min
Delta R.T.: 0.007 min
Response: 1596822
Conc: 11.94 ng/ml



#4 AR-1016-2

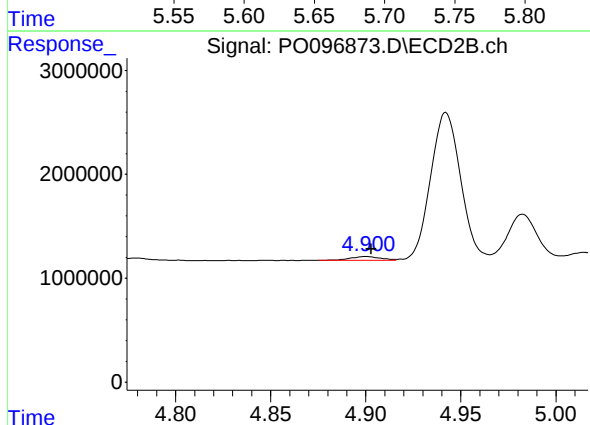
R.T.: 4.723 min
Delta R.T.: -0.004 min
Response: 541182
Conc: 8.85 ng/ml



#5 AR-1016-3

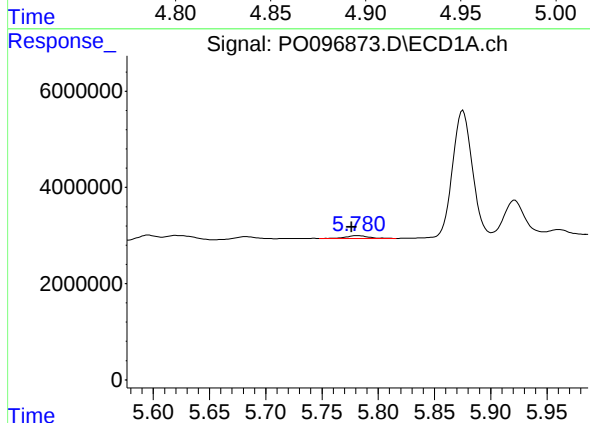
R.T.: 5.683 min
Delta R.T.: 0.006 min
Response: 748464
Conc: 8.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



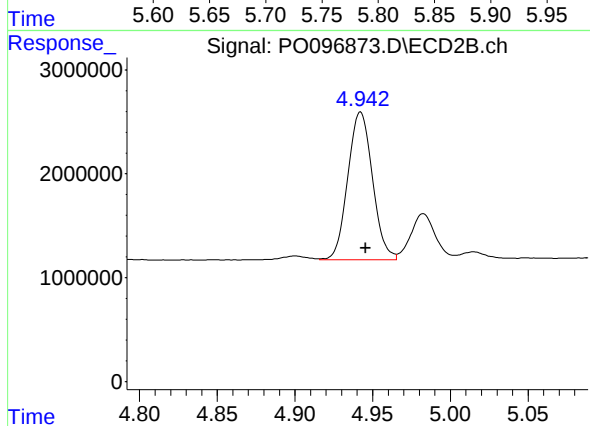
#5 AR-1016-3

R.T.: 4.900 min
Delta R.T.: -0.003 min
Response: 411757
Conc: 12.60 ng/ml



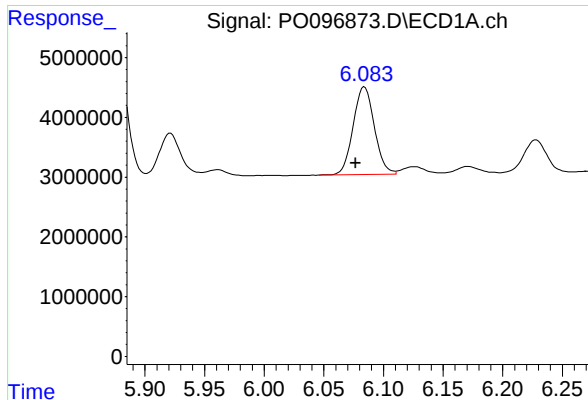
#6 AR-1016-4

R.T.: 5.782 min
Delta R.T.: 0.005 min
Response: 848437
Conc: 12.63 ng/ml



#6 AR-1016-4

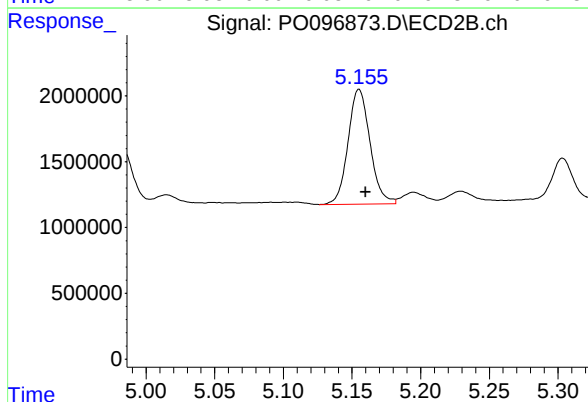
R.T.: 4.942 min
Delta R.T.: -0.003 min
Response: 15723429
Conc: 550.03 ng/ml



#7 AR-1016-5

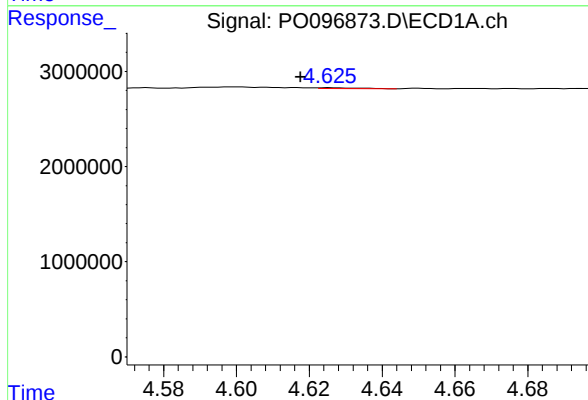
R.T.: 6.084 min
Delta R.T.: 0.007 min
Response: 18127880
Conc: 259.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



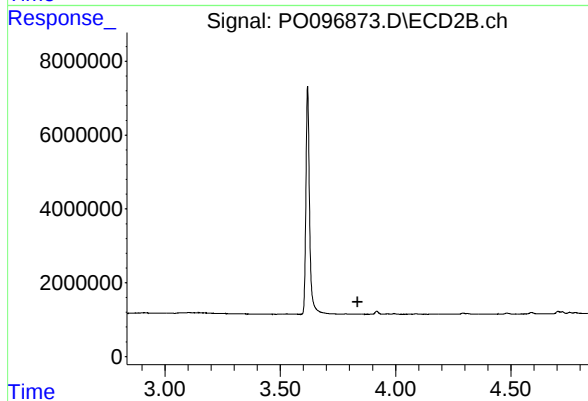
#7 AR-1016-5

R.T.: 5.155 min
Delta R.T.: -0.005 min
Response: 9720350
Conc: 252.83 ng/ml



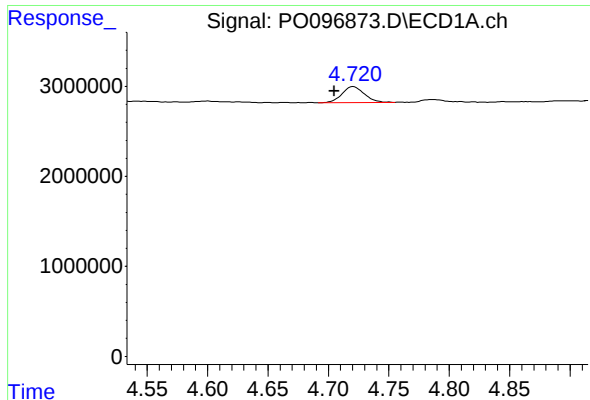
#8 AR-1221-1

R.T.: 4.626 min
Delta R.T.: 0.008 min
Response: 73264
Conc: 1.80 ng/ml



#8 AR-1221-1

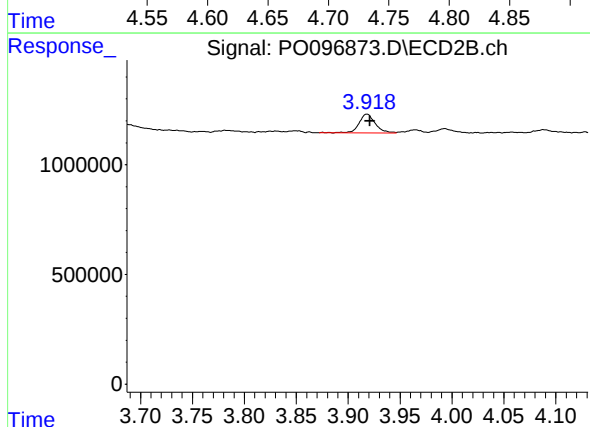
R.T.: 0.000 min
Exp R.T. : 3.835 min
Response: 0
Conc: N.D.



#9 AR-1221-2

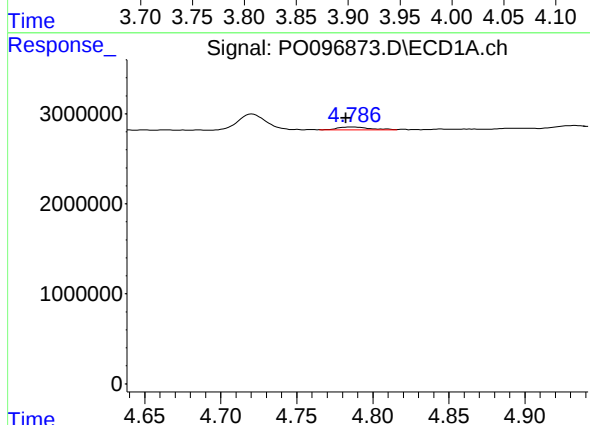
R.T.: 4.721 min
Delta R.T.: 0.016 min
Response: 2327161
Conc: 76.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



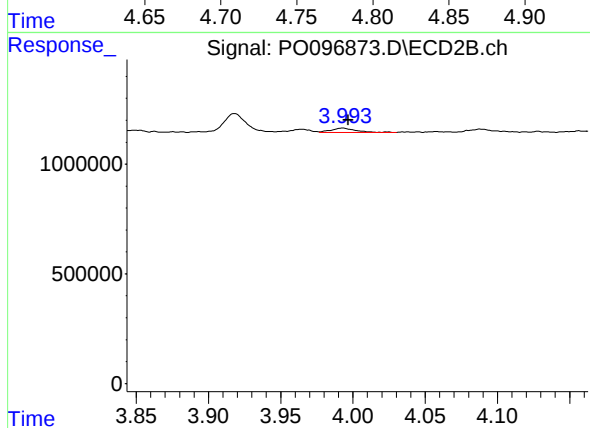
#9 AR-1221-2

R.T.: 3.918 min
Delta R.T.: -0.003 min
Response: 930064
Conc: 71.98 ng/ml



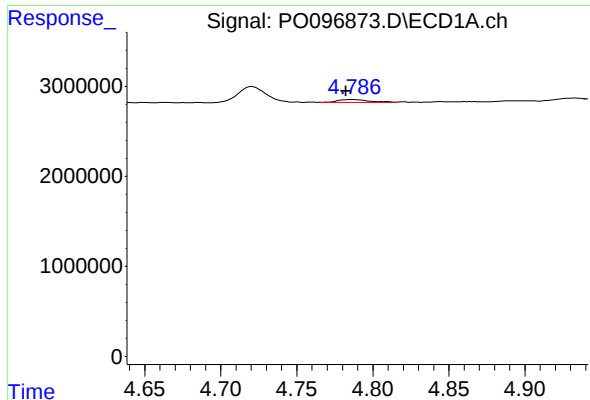
#10 AR-1221-3

R.T.: 4.787 min
Delta R.T.: 0.004 min
Response: 486469
Conc: 5.56 ng/ml



#10 AR-1221-3

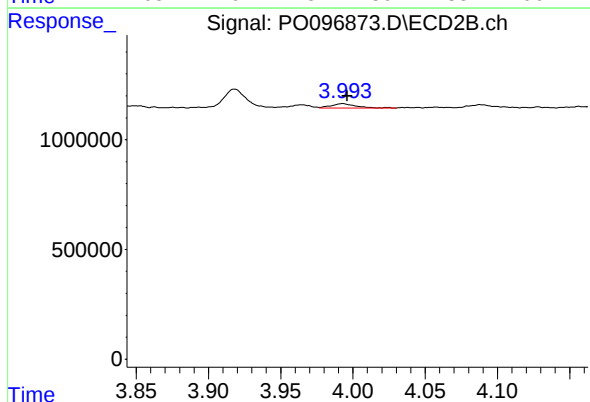
R.T.: 3.993 min
Delta R.T.: -0.004 min
Response: 239007
Conc: 6.02 ng/ml



#11 AR-1232-1

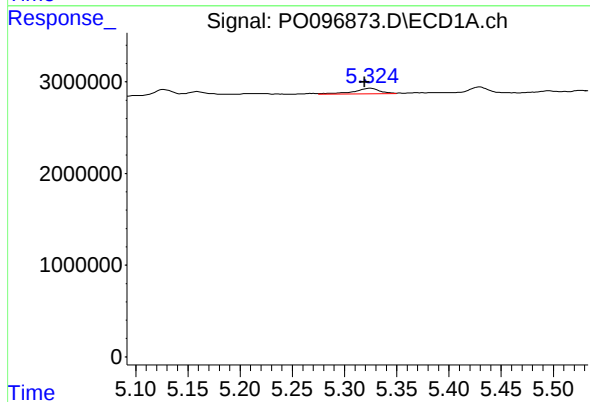
R.T.: 4.787 min
Delta R.T.: 0.004 min
Response: 486469
Conc: 6.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



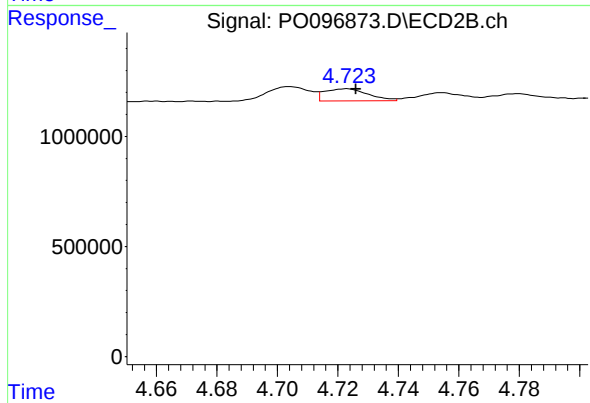
#11 AR-1232-1

R.T.: 3.993 min
Delta R.T.: -0.003 min
Response: 239007
Conc: 7.39 ng/ml



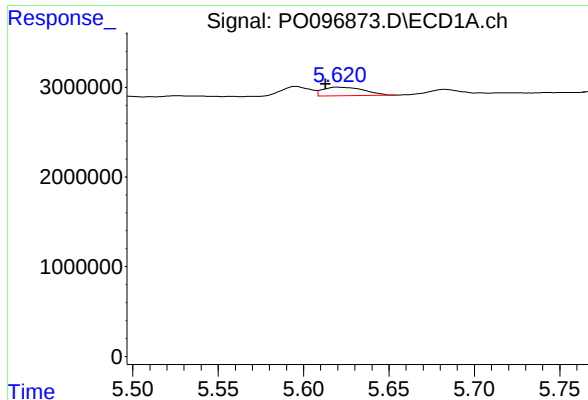
#12 AR-1232-2

R.T.: 5.325 min
Delta R.T.: 0.006 min
Response: 1017219
Conc: 25.66 ng/ml



#12 AR-1232-2

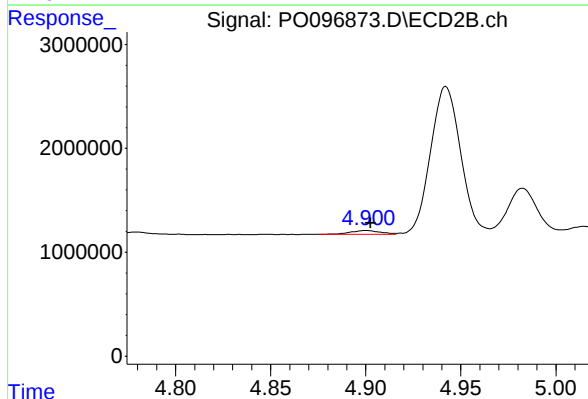
R.T.: 4.723 min
Delta R.T.: -0.003 min
Response: 541182
Conc: 18.76 ng/ml



#13 AR-1232-3

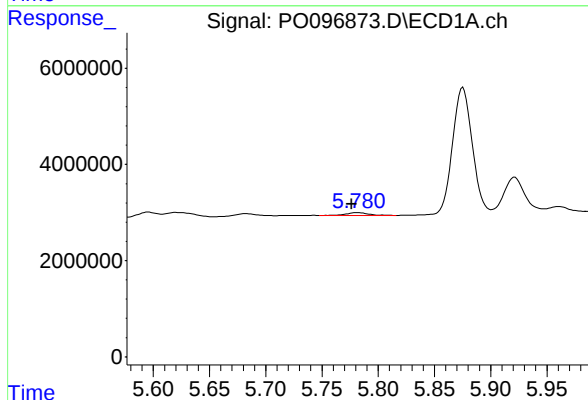
R.T.: 5.620 min
Delta R.T.: 0.007 min
Response: 1596822
Conc: 26.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



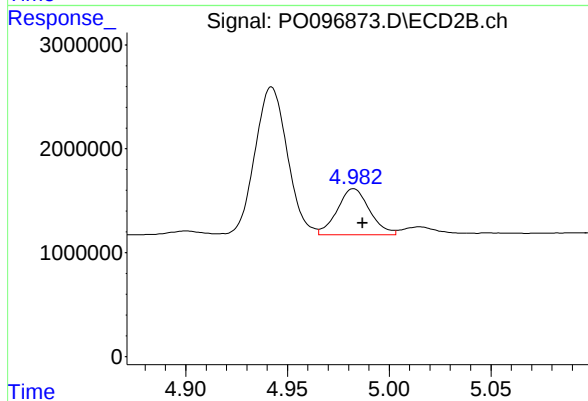
#13 AR-1232-3

R.T.: 4.900 min
Delta R.T.: -0.002 min
Response: 411757
Conc: 27.16 ng/ml



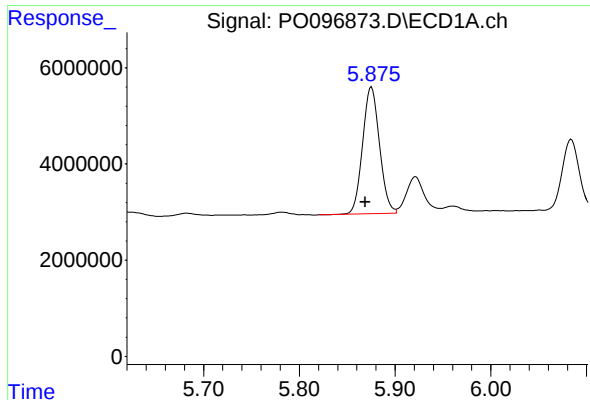
#14 AR-1232-4

R.T.: 5.782 min
Delta R.T.: 0.005 min
Response: 848437
Conc: 27.80 ng/ml



#14 AR-1232-4

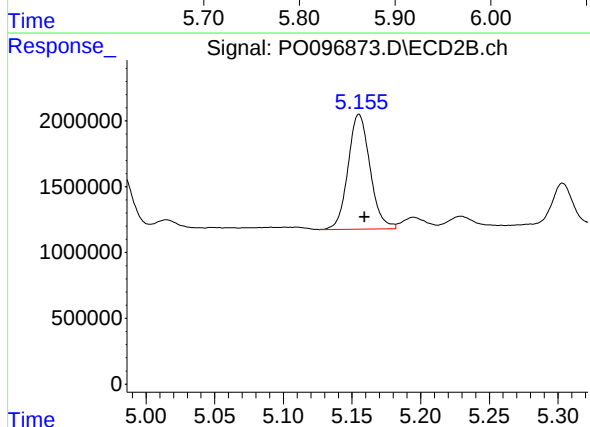
R.T.: 4.983 min
Delta R.T.: -0.004 min
Response: 4898948
Conc: 327.81 ng/ml



#15 AR-1232-5

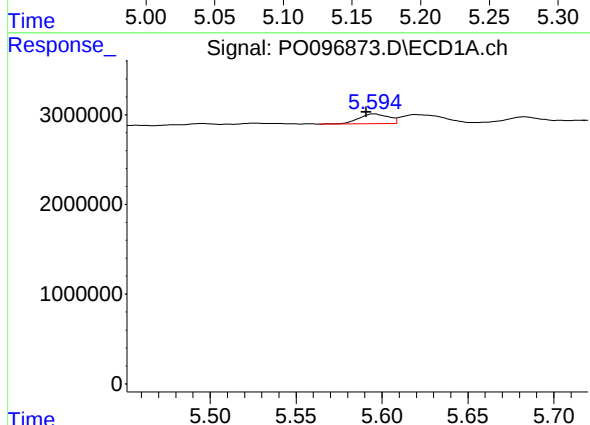
R.T.: 5.875 min
Delta R.T.: 0.006 min
Response: 32253790
Conc: 1152.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



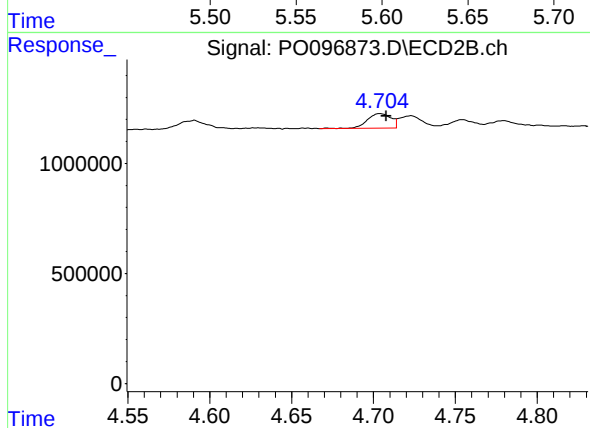
#15 AR-1232-5

R.T.: 5.155 min
Delta R.T.: -0.004 min
Response: 9720350
Conc: 594.63 ng/ml



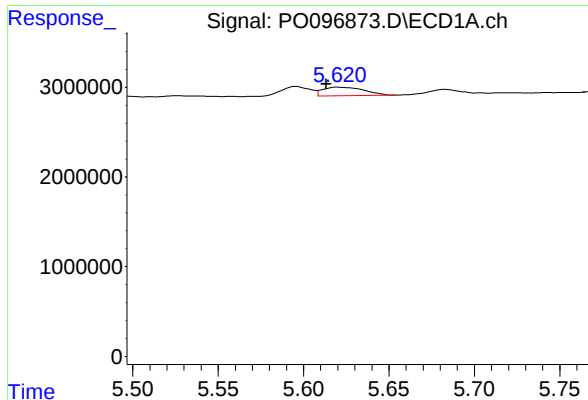
#16 AR-1242-1

R.T.: 5.595 min
Delta R.T.: 0.004 min
Response: 1299856
Conc: 15.51 ng/ml



#16 AR-1242-1

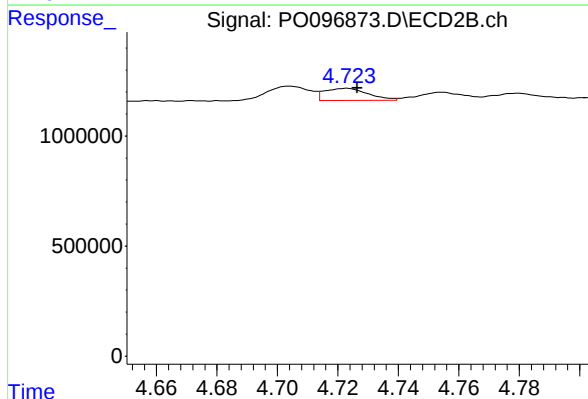
R.T.: 4.704 min
Delta R.T.: -0.004 min
Response: 664725
Conc: 16.86 ng/ml



#17 AR-1242-2

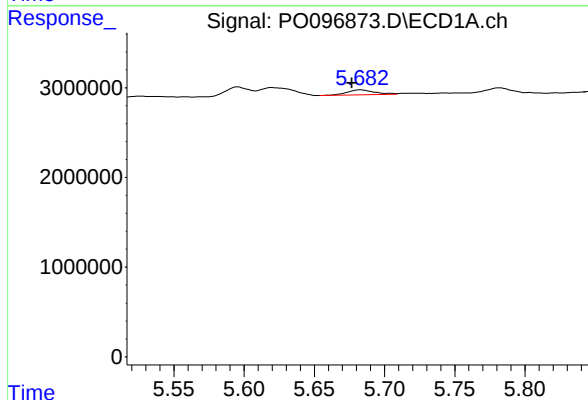
R.T.: 5.620 min
Delta R.T.: 0.007 min
Response: 1596822
Conc: 13.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



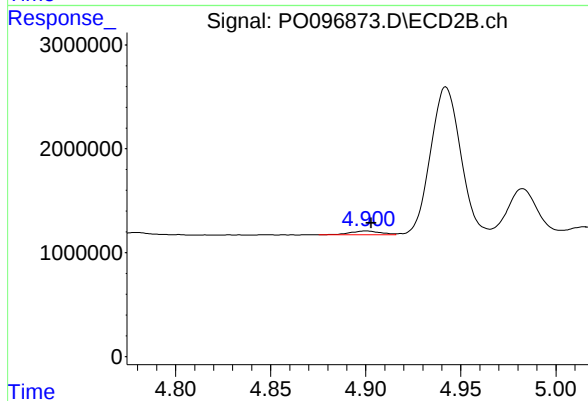
#17 AR-1242-2

R.T.: 4.723 min
Delta R.T.: -0.004 min
Response: 541182
Conc: 9.93 ng/ml



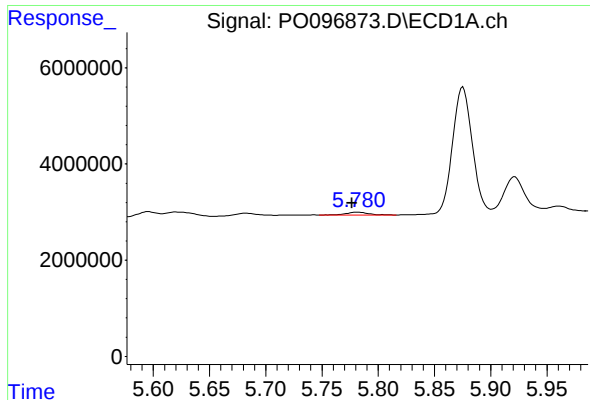
#18 AR-1242-3

R.T.: 5.683 min
Delta R.T.: 0.006 min
Response: 748464
Conc: 10.13 ng/ml



#18 AR-1242-3

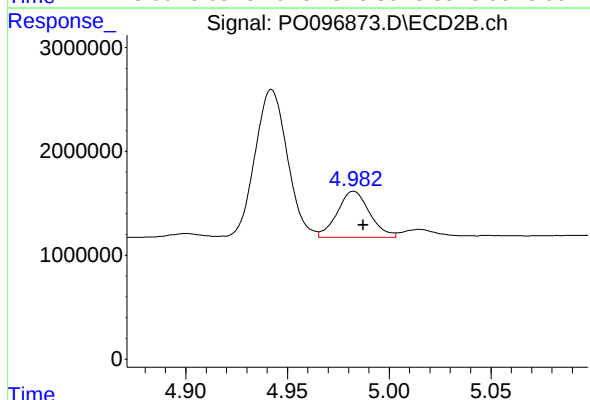
R.T.: 4.900 min
Delta R.T.: -0.003 min
Response: 411757
Conc: 13.93 ng/ml



#19 AR-1242-4

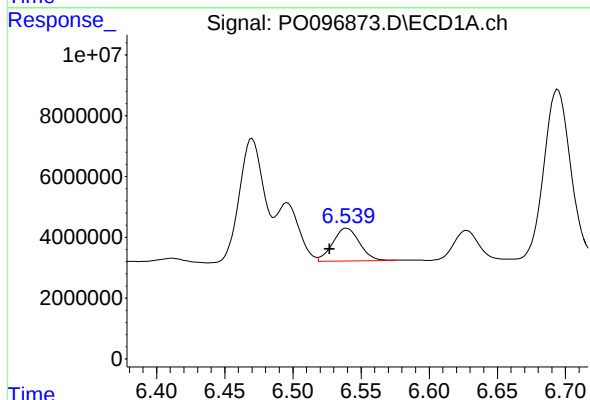
R.T.: 5.782 min
Delta R.T.: 0.005 min
Response: 848437
Conc: 14.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



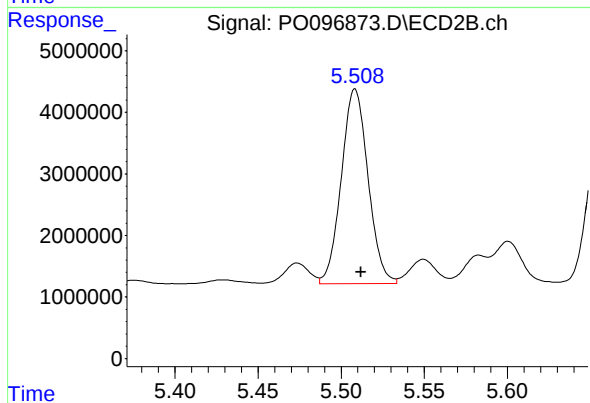
#19 AR-1242-4

R.T.: 4.983 min
Delta R.T.: -0.005 min
Response: 4898948
Conc: 155.45 ng/ml



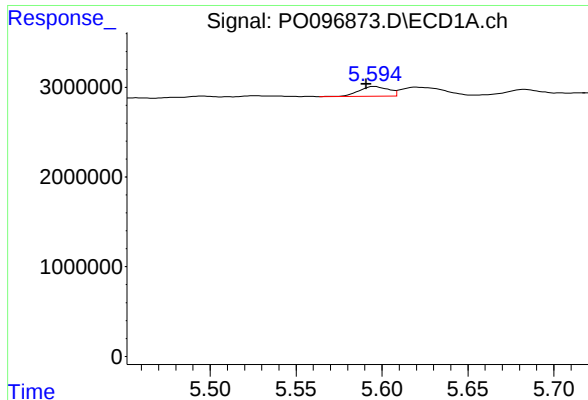
#20 AR-1242-5

R.T.: 6.540 min
Delta R.T.: 0.013 min
Response: 14918376
Conc: 271.15 ng/ml



#20 AR-1242-5

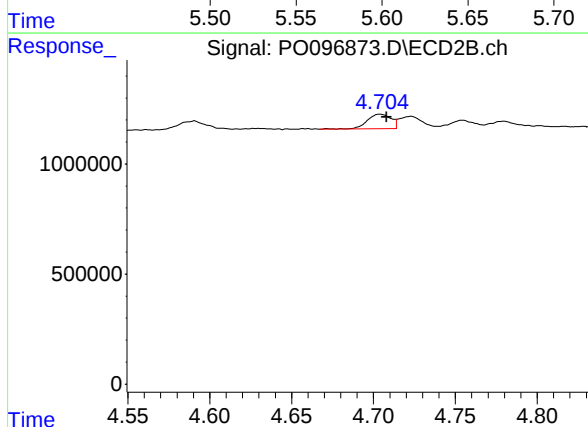
R.T.: 5.508 min
Delta R.T.: -0.004 min
Response: 35397676
Conc: 971.50 ng/ml



#21 AR-1248-1

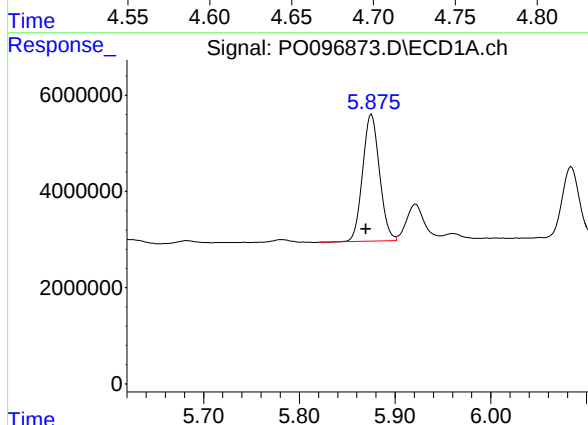
R.T.: 5.595 min
Delta R.T.: 0.004 min
Response: 1299856
Conc: 22.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



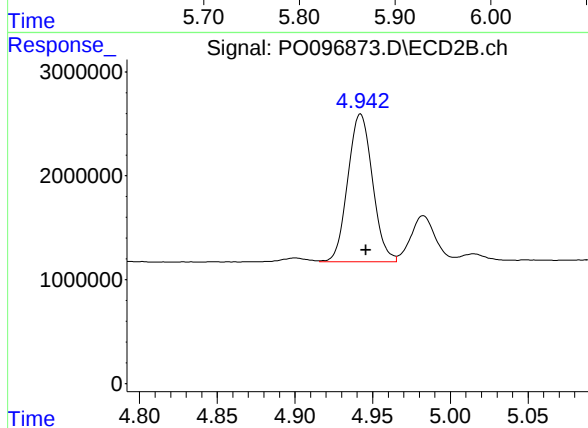
#21 AR-1248-1

R.T.: 4.704 min
Delta R.T.: -0.004 min
Response: 664725
Conc: 23.69 ng/ml



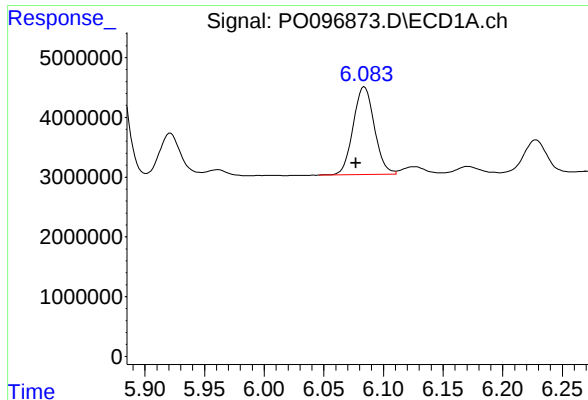
#22 AR-1248-2

R.T.: 5.875 min
Delta R.T.: 0.006 min
Response: 32253790
Conc: 343.06 ng/ml



#22 AR-1248-2

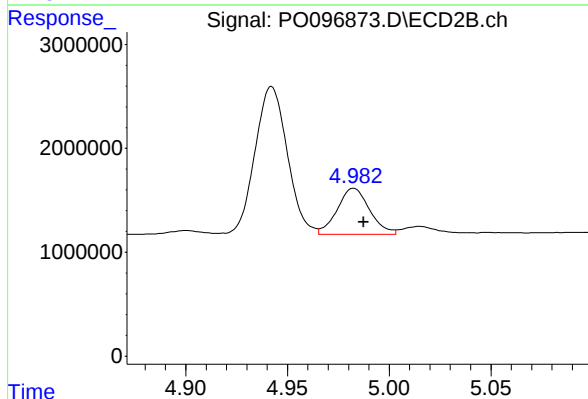
R.T.: 4.942 min
Delta R.T.: -0.004 min
Response: 15723429
Conc: 371.00 ng/ml



#23 AR-1248-3

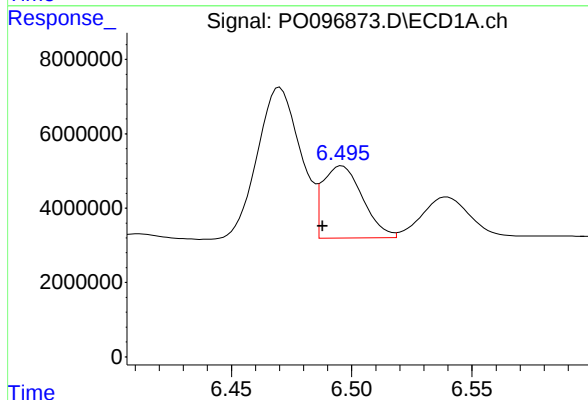
R.T.: 6.084 min
Delta R.T.: 0.007 min
Response: 18127880
Conc: 185.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



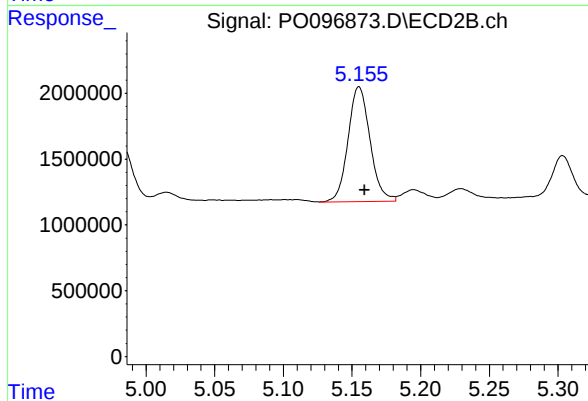
#23 AR-1248-3

R.T.: 4.983 min
Delta R.T.: -0.005 min
Response: 4898948
Conc: 111.68 ng/ml



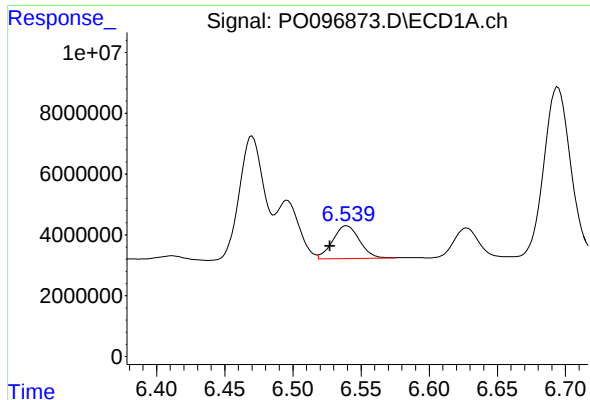
#24 AR-1248-4

R.T.: 6.496 min
Delta R.T.: 0.008 min
Response: 22355153
Conc: 246.08 ng/ml



#24 AR-1248-4

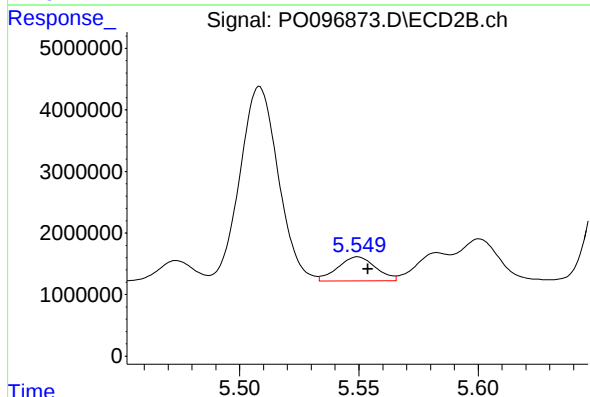
R.T.: 5.155 min
Delta R.T.: -0.004 min
Response: 9720350
Conc: 190.41 ng/ml



#25 AR-1248-5

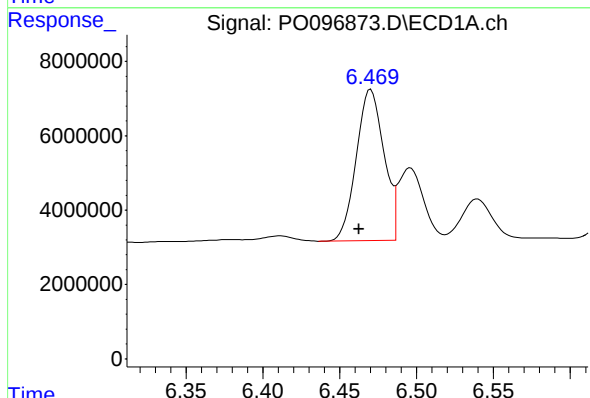
R.T.: 6.540 min
Delta R.T.: 0.012 min
Response: 14918376
Conc: 169.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



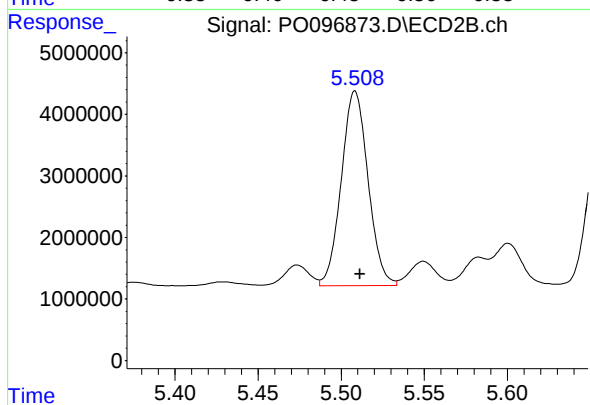
#25 AR-1248-5

R.T.: 5.549 min
Delta R.T.: -0.004 min
Response: 4327809
Conc: 92.57 ng/ml



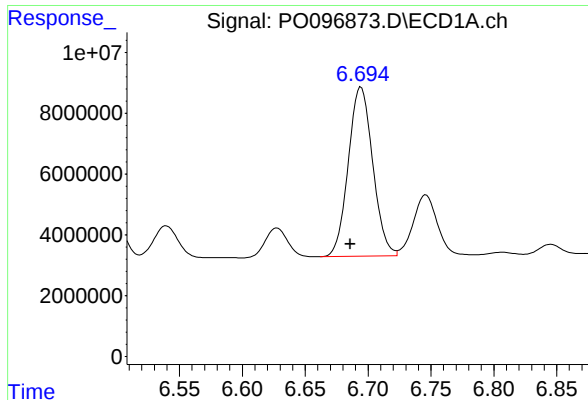
#26 AR-1254-1

R.T.: 6.470 min
Delta R.T.: 0.008 min
Response: 50862617
Conc: 465.39 ng/ml



#26 AR-1254-1

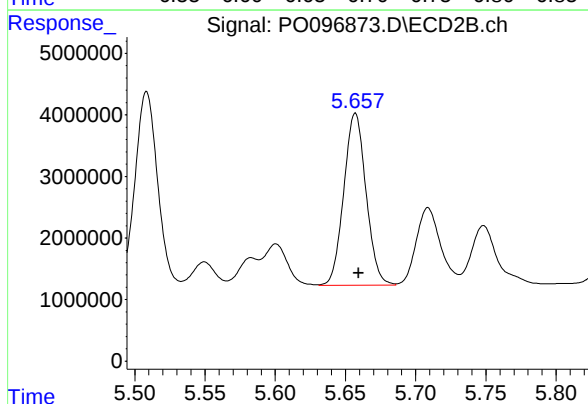
R.T.: 5.508 min
Delta R.T.: -0.003 min
Response: 35397676
Conc: 479.67 ng/ml



#27 AR-1254-2

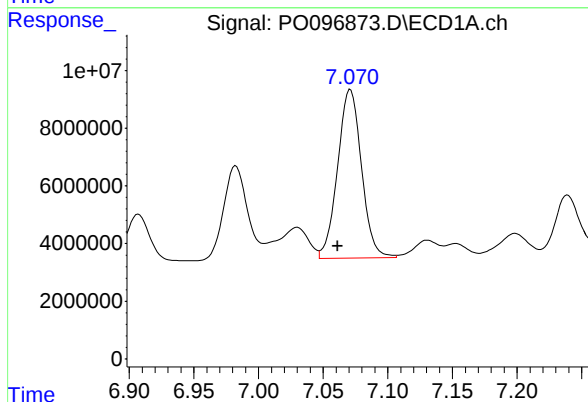
R.T.: 6.694 min
Delta R.T.: 0.008 min
Response: 75404786
Conc: 467.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



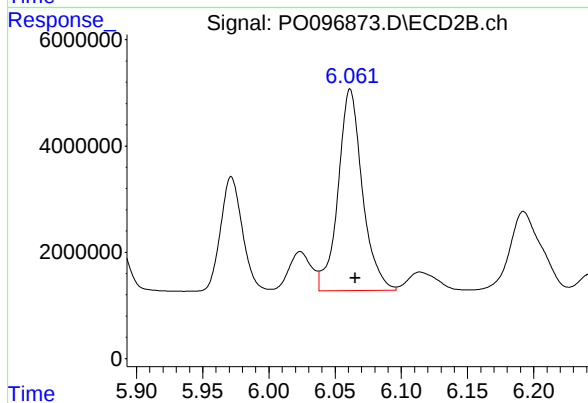
#27 AR-1254-2

R.T.: 5.657 min
Delta R.T.: -0.003 min
Response: 30816688
Conc: 467.77 ng/ml



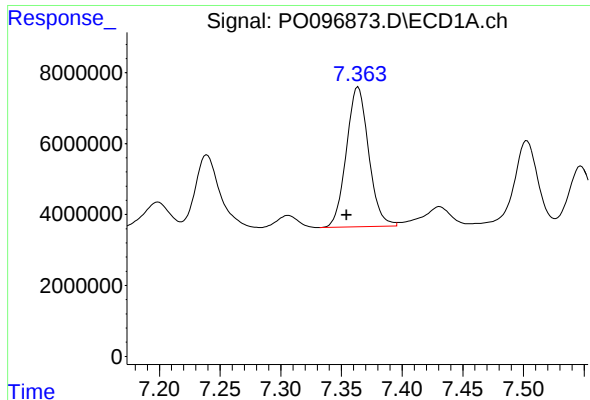
#28 AR-1254-3

R.T.: 7.071 min
Delta R.T.: 0.010 min
Response: 75087889
Conc: 479.19 ng/ml



#28 AR-1254-3

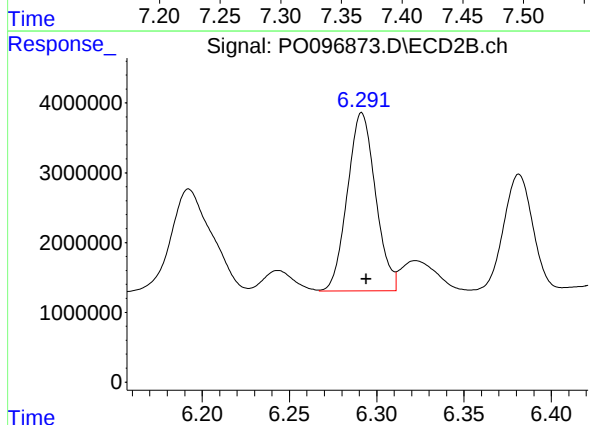
R.T.: 6.061 min
Delta R.T.: -0.004 min
Response: 48424303
Conc: 479.15 ng/ml



#29 AR-1254-4

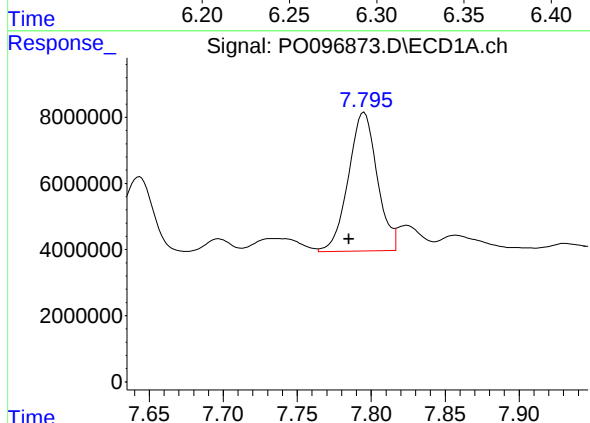
R.T.: 7.364 min
Delta R.T.: 0.010 min
Response: 50529981
Conc: 501.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



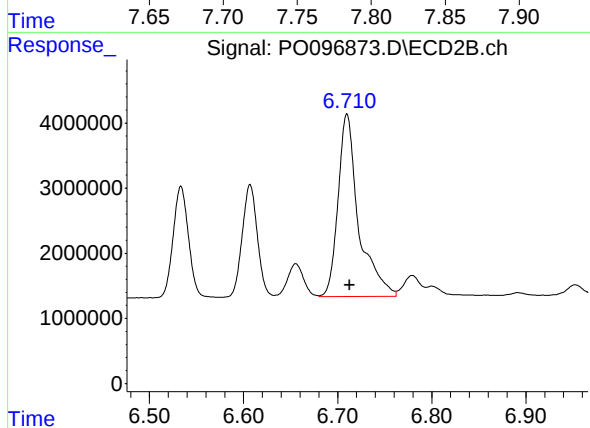
#29 AR-1254-4

R.T.: 6.291 min
Delta R.T.: -0.003 min
Response: 28666831
Conc: 495.32 ng/ml



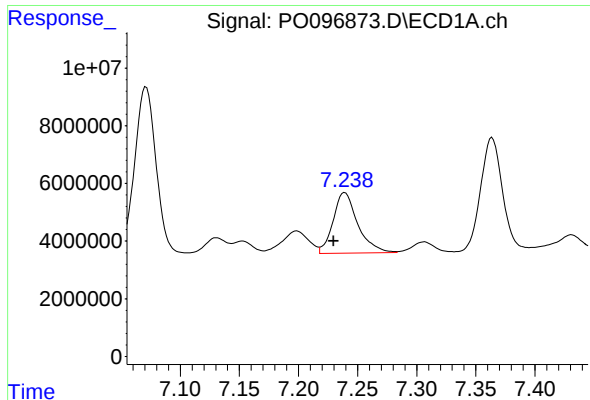
#30 AR-1254-5

R.T.: 7.795 min
Delta R.T.: 0.010 min
Response: 56698130
Conc: 505.27 ng/ml



#30 AR-1254-5

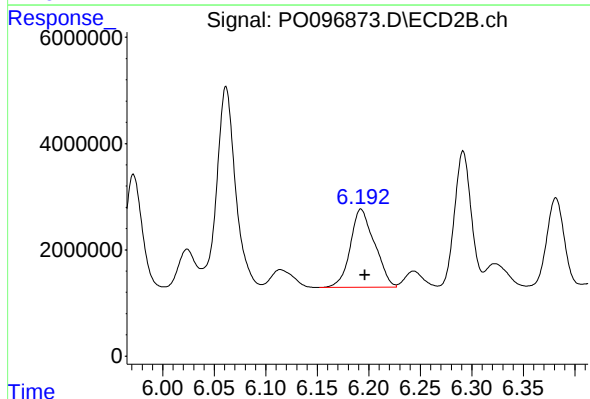
R.T.: 6.710 min
Delta R.T.: -0.003 min
Response: 42615133
Conc: 484.73 ng/ml



#31 AR-1260-1

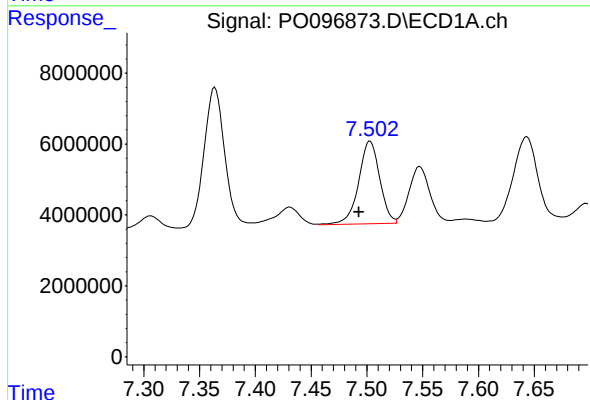
R.T.: 7.239 min
Delta R.T.: 0.009 min
Response: 30346136
Conc: 241.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



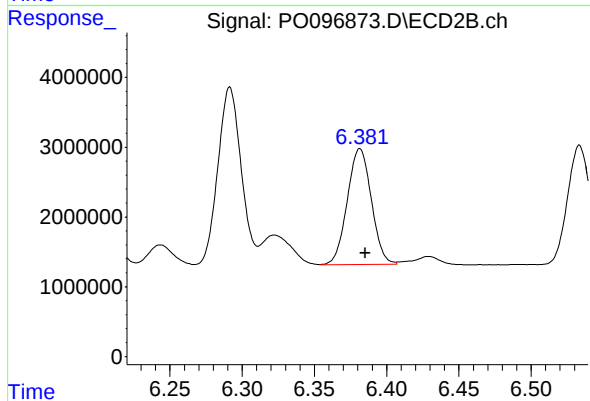
#31 AR-1260-1

R.T.: 6.192 min
Delta R.T.: -0.004 min
Response: 24061430
Conc: 341.94 ng/ml



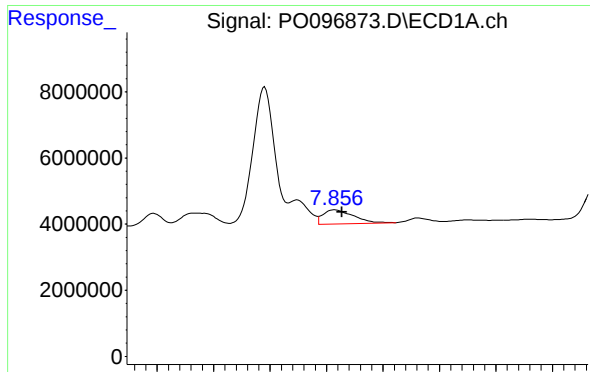
#32 AR-1260-2

R.T.: 7.503 min
Delta R.T.: 0.010 min
Response: 30792774
Conc: 228.54 ng/ml



#32 AR-1260-2

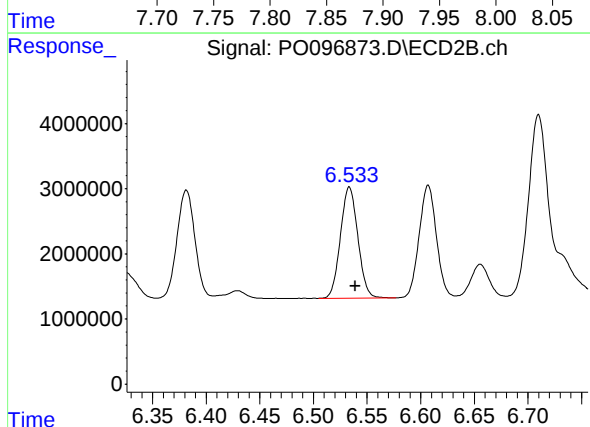
R.T.: 6.382 min
Delta R.T.: -0.004 min
Response: 19260850
Conc: 230.77 ng/ml



#33 AR-1260-3

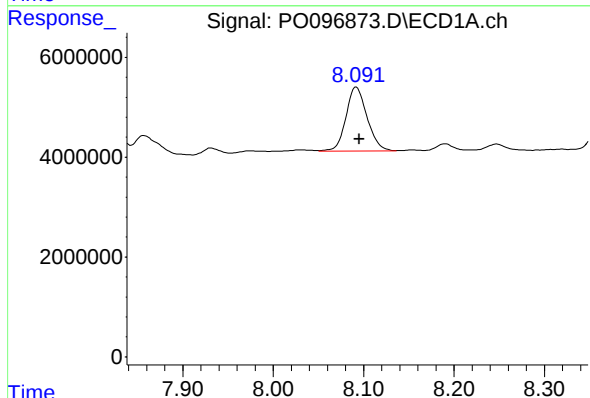
R.T.: 7.857 min
Delta R.T.: -0.007 min
Response: 8103628
Conc: 78.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



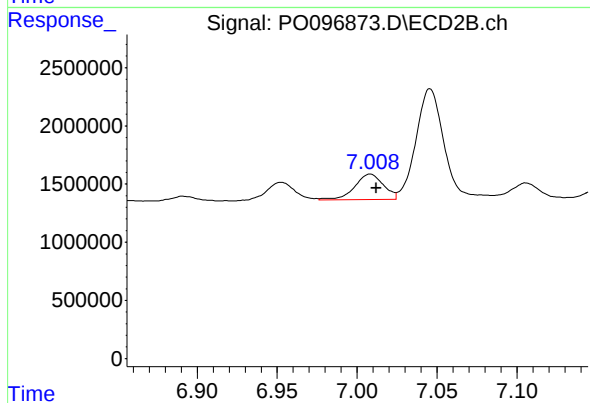
#33 AR-1260-3

R.T.: 6.534 min
Delta R.T.: -0.006 min
Response: 19318853
Conc: 250.18 ng/ml



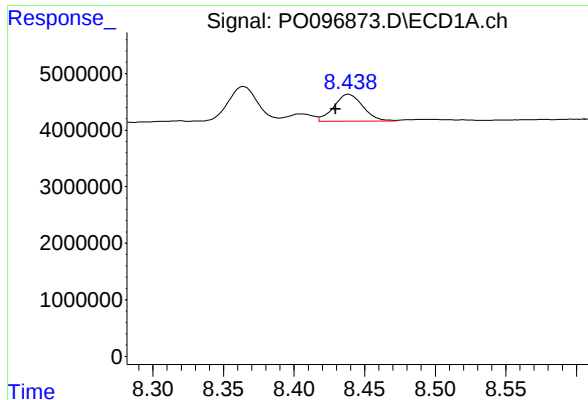
#34 AR-1260-4

R.T.: 8.092 min
Delta R.T.: -0.004 min
Response: 20915916
Conc: 187.08 ng/ml



#34 AR-1260-4

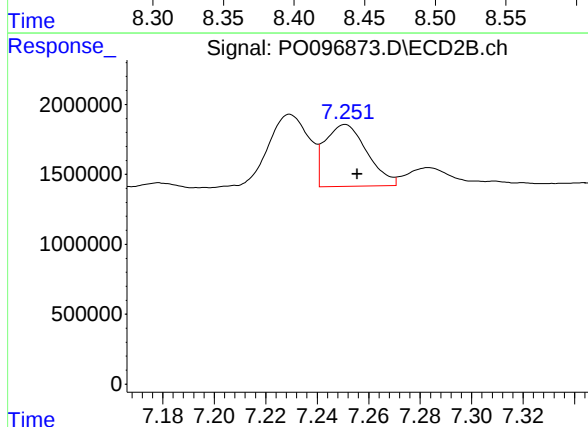
R.T.: 7.008 min
Delta R.T.: -0.004 min
Response: 2756577
Conc: 43.02 ng/ml



#35 AR-1260-5

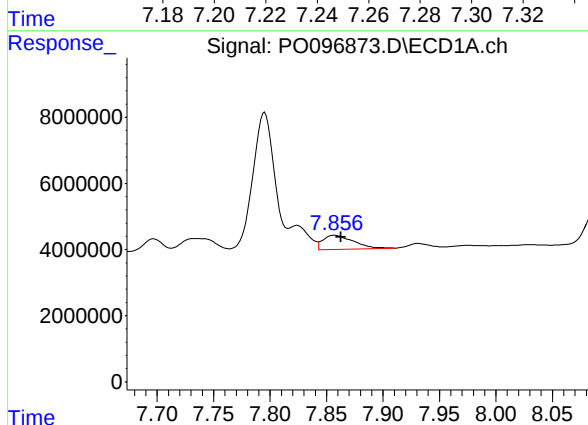
R.T.: 8.439 min
Delta R.T.: 0.009 min
Response: 6777115
Conc: 32.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



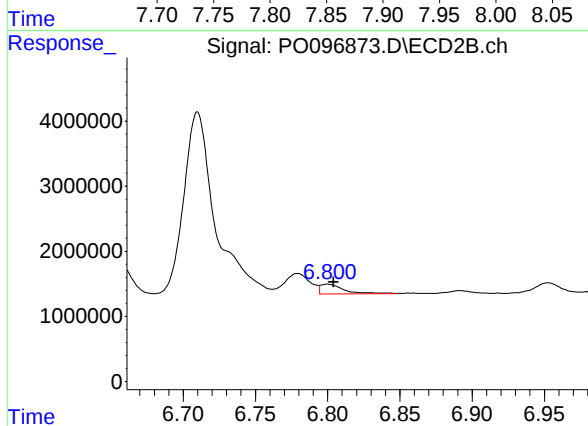
#35 AR-1260-5

R.T.: 7.251 min
Delta R.T.: -0.005 min
Response: 5022327
Conc: 36.23 ng/ml



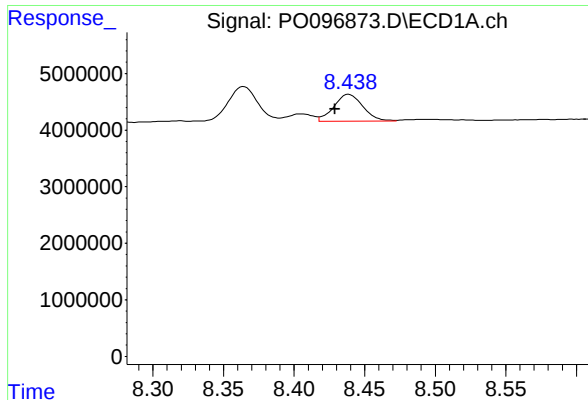
#36 AR-1262-1

R.T.: 7.857 min
Delta R.T.: -0.005 min
Response: 8103628
Conc: 54.56 ng/ml



#36 AR-1262-1

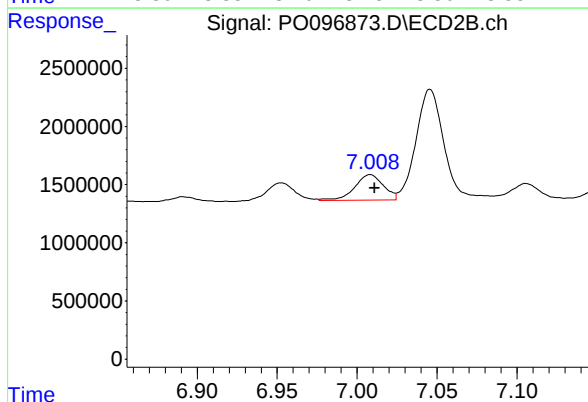
R.T.: 6.800 min
Delta R.T.: -0.004 min
Response: 1750136
Conc: 44.45 ng/ml



#37 AR-1262-2

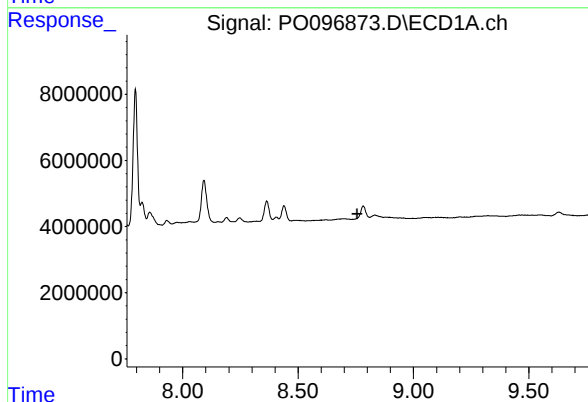
R.T.: 8.439 min
Delta R.T.: 0.010 min
Response: 6777115
Conc: 29.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



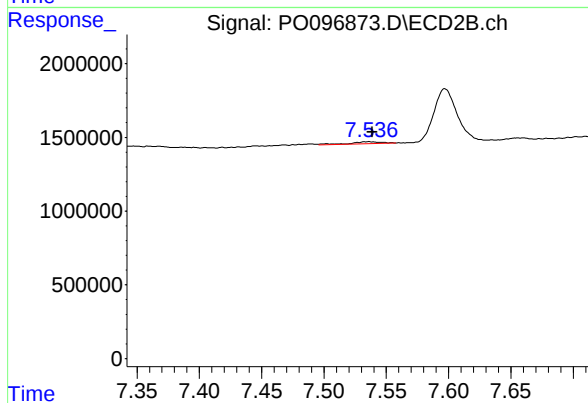
#37 AR-1262-2

R.T.: 7.008 min
Delta R.T.: -0.003 min
Response: 2756577
Conc: 33.99 ng/ml



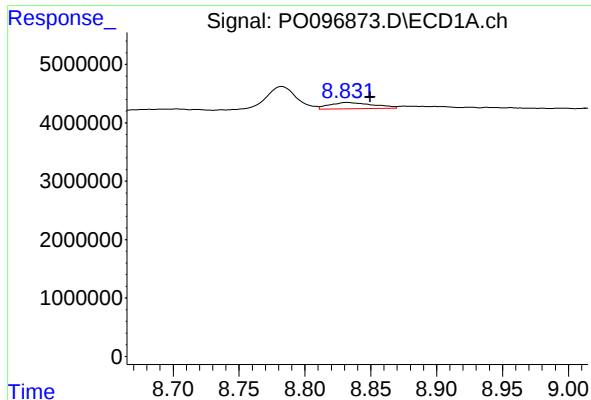
#38 AR-1262-3

R.T.: 8.736 min
Delta R.T.: -0.020 min
Response: -6258
Conc: N.D.



#38 AR-1262-3

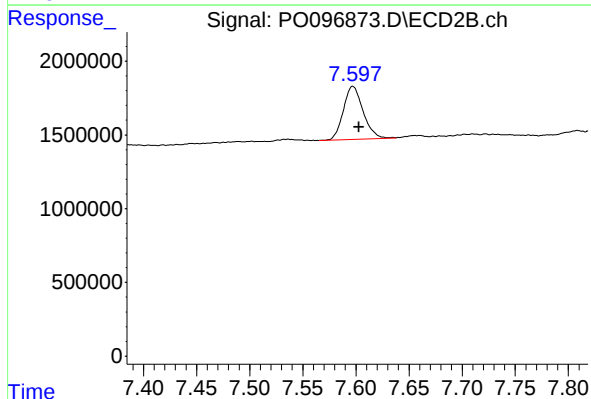
R.T.: 7.536 min
Delta R.T.: -0.003 min
Response: 264161
Conc: 4.12 ng/ml



#39 AR-1262-4

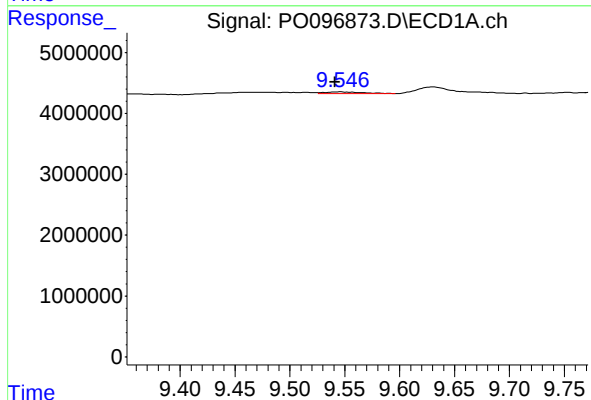
R.T.: 8.832 min
Delta R.T.: -0.017 min
Response: 2445380
Conc: 33.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



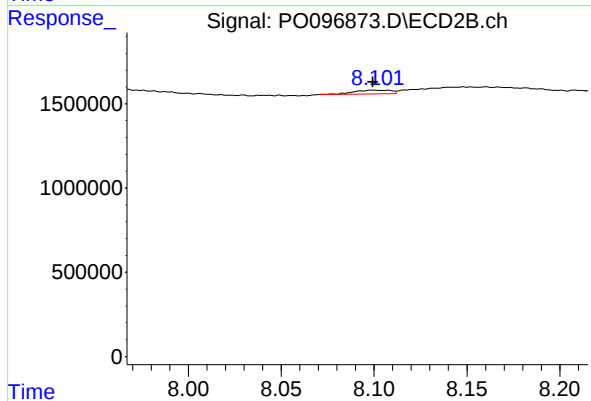
#39 AR-1262-4

R.T.: 7.597 min
Delta R.T.: -0.006 min
Response: 4687931
Conc: 41.27 ng/ml



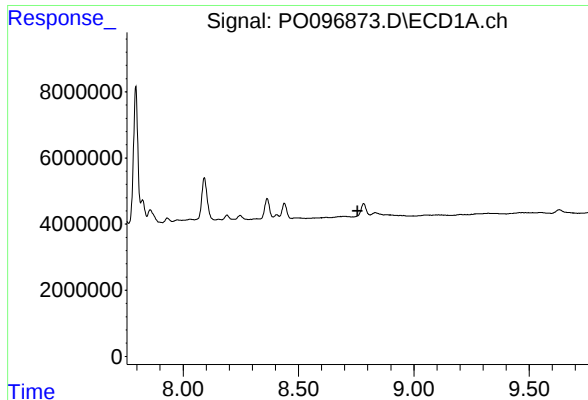
#40 AR-1262-5

R.T.: 9.546 min
Delta R.T.: 0.005 min
Response: 752361
Conc: 9.03 ng/ml



#40 AR-1262-5

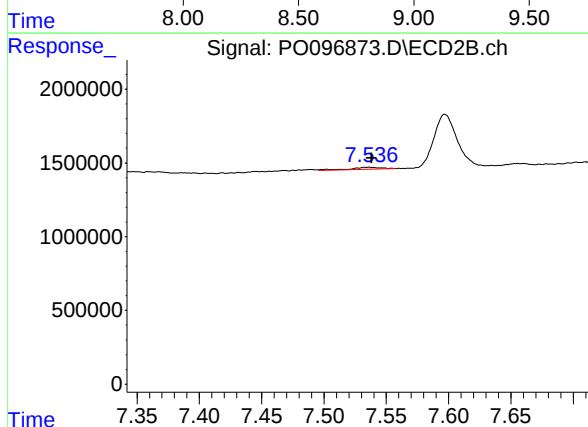
R.T.: 8.100 min
Delta R.T.: 0.001 min
Response: 319063
Conc: 6.08 ng/ml



#41 AR-1268-1

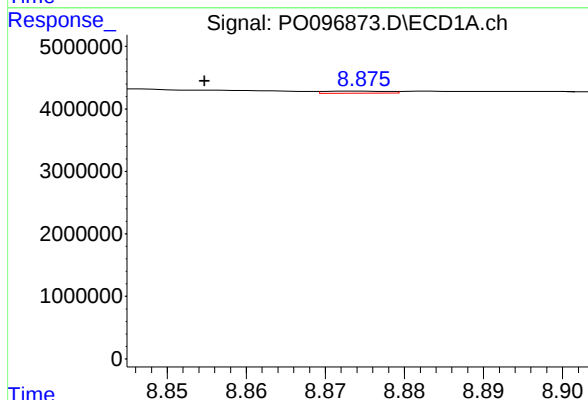
R.T.: 8.736 min
Delta R.T.: -0.019 min
Response: -6258
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



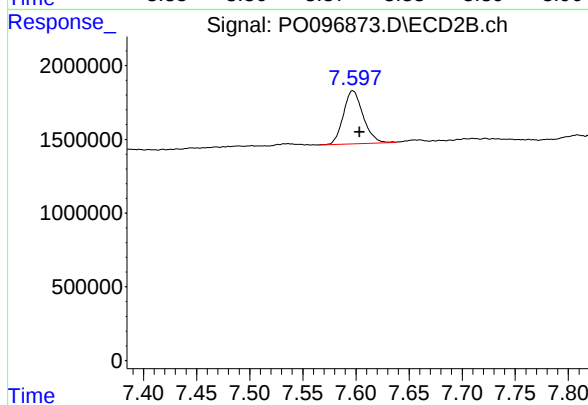
#41 AR-1268-1

R.T.: 7.536 min
Delta R.T.: -0.002 min
Response: 264161
Conc: 1.43 ng/ml



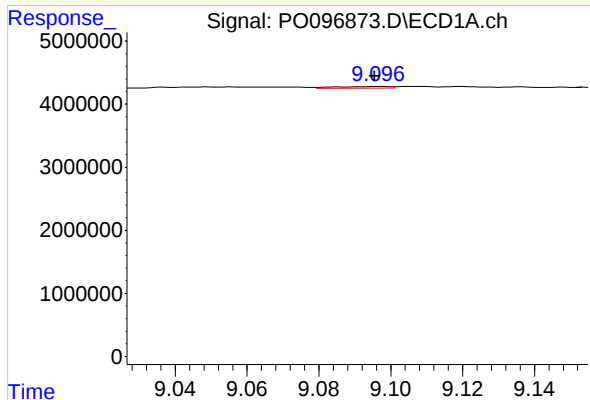
#42 AR-1268-2

R.T.: 8.875 min
Delta R.T.: 0.020 min
Response: 184040
Conc: 0.67 ng/ml



#42 AR-1268-2

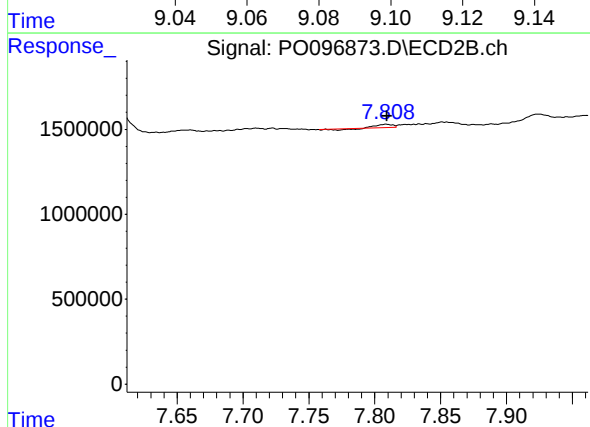
R.T.: 7.597 min
Delta R.T.: -0.007 min
Response: 4687931
Conc: 27.96 ng/ml



#43 AR-1268-3

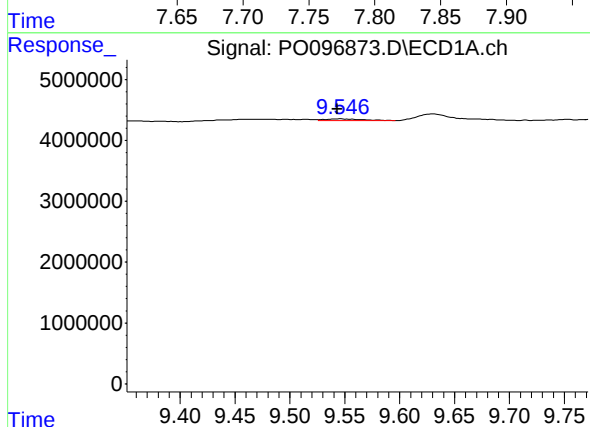
R.T.: 9.096 min
Delta R.T.: 0.000 min
Response: 286967
Conc: 1.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



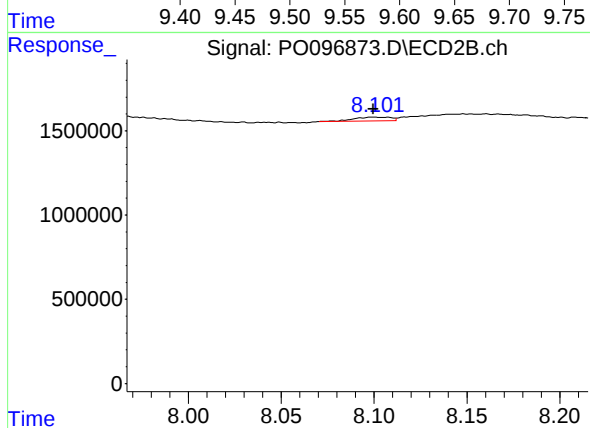
#43 AR-1268-3

R.T.: 7.809 min
Delta R.T.: 0.000 min
Response: 111887
Conc: 0.77 ng/ml



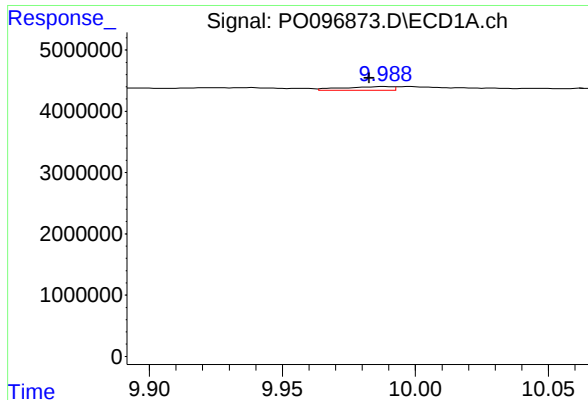
#44 AR-1268-4

R.T.: 9.546 min
Delta R.T.: 0.003 min
Response: 752361
Conc: 8.11 ng/ml



#44 AR-1268-4

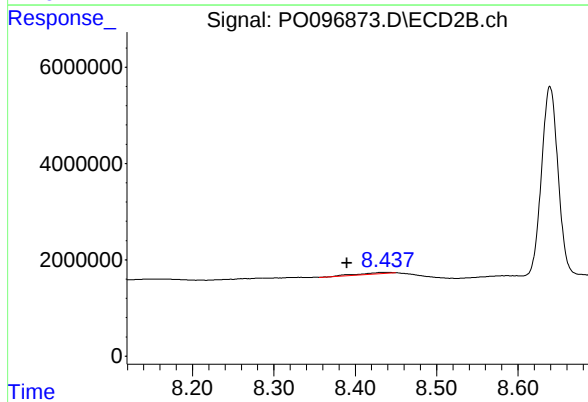
R.T.: 8.100 min
Delta R.T.: 0.000 min
Response: 319063
Conc: 5.36 ng/ml



#45 AR-1268-5

R.T.: 9.988 min
Delta R.T.: 0.006 min
Response: 801233
Conc: 0.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.437 min
Delta R.T.: 0.047 min
Response: 802248
Conc: 1.93 ng/ml