

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082123\
 Data File : P0097320.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2023 13:13
 Operator : YP/AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 22 01:46:44 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...	4.409	3.614	161.6E6	63226537	48.817	47.762
2) SA Decachlor...	10.343	8.626	114.4E6	54862673	52.272	47.421
Target Compounds						
3) L1 AR-1016-1	5.595	4.716	41117693	25453064	436.569	574.095 #
4) L1 AR-1016-2	5.617	4.716	58661634	25453064	438.512	416.099
5) L1 AR-1016-3	5.681	4.892	36727197	13936053	422.049	426.591
6) L1 AR-1016-4	5.781	4.935	29216982	11607793	434.968	406.060
7) L1 AR-1016-5	6.082	5.148	30698986	15386009	439.707	400.193
8) L2 AR-1221-1	4.616	3.826	5680245	2155737	139.375	124.199
9) L2 AR-1221-2	4.708	3.913	8153712	3233602	268.392	250.265
10) L2 AR-1221-3	4.785	3.988	26407518	11470010	301.691	288.961
11) L3 AR-1232-1	4.785	3.988	26407518	11470010	362.077	354.592
12) L3 AR-1232-2	5.322	4.716	35204630	25453064	887.976	882.177
13) L3 AR-1232-3	5.617	4.892	58661634	13936053	958.952	919.152
14) L3 AR-1232-4	5.781	4.976	29216982	14629814	957.500	978.933
15) L3 AR-1232-5	5.874	5.148	27206592	15386009	972.248	941.226
16) L4 AR-1242-1	5.595	4.716	41117693	25453064	490.565	645.608 #
17) L4 AR-1242-2	5.617	4.716	58661634	25453064	498.138	467.107
18) L4 AR-1242-3	5.681	4.892	36727197	13936053	497.171	471.313
19) L4 AR-1242-4	5.781	4.976	29216982	14629814	490.792	464.234
20) L4 AR-1242-5	6.534	5.500	27840152	17128792	506.003	470.104
21) L5 AR-1248-1	5.595	4.716	41117693	25453064	701.738	907.013 #
22) L5 AR-1248-2	5.874	4.935	27206592	11607793	289.378	273.892
23) L5 AR-1248-3	6.082	4.976	30698986	14629814	313.867	333.519
24) L5 AR-1248-4	6.496	5.148	27120646	15386009	298.543	301.392
25) L5 AR-1248-5	6.534	5.541	27840152	14636069	316.056	313.059
26) L6 AR-1254-1	6.467	5.500	20763148	17128792	189.981	232.109
27) L6 AR-1254-2	6.696	5.648	24145208	4791315	149.759	72.728 #
28) L6 AR-1254-3	7.069	6.052	10277437	5548947	65.588	54.906
29) L6 AR-1254-4	7.362	6.282	7056269	4282757	69.990	74.000
30) L6 AR-1254-5	7.793	6.700	1862373	1322590	16.597	15.044
31) L7 AR-1260-1	7.242	6.197	1902746	1976066	15.139	28.082 #
32) L7 AR-1260-2	7.503	6.372	1806740	606275	13.410	7.264 #
33) L7 AR-1260-3	7.888	6.522	1144861	781032	11.032	10.114
34) L7 AR-1260-4	8.091	7.036	1482766	395420	13.262	6.171 #
35) L7 AR-1260-5	8.413	7.242	156698	86466	0.746	0.624
36) L8 AR-1262-1	7.888	6.810	1144861	279076	7.708	7.089
37) L8 AR-1262-2	8.413	7.036	156698	395420	0.677	4.875 #
38) L8 AR-1262-3	8.783	7.530	769625	260407	4.614	4.058
39) L8 AR-1262-4	8.854	7.588	59578	197812	0.817	1.741 #
40) L8 AR-1262-5	9.531	0.000	154073	0	1.850	N.D. #
41) L9 AR-1268-1	8.783	7.530	769625	260407	2.504	1.405 #

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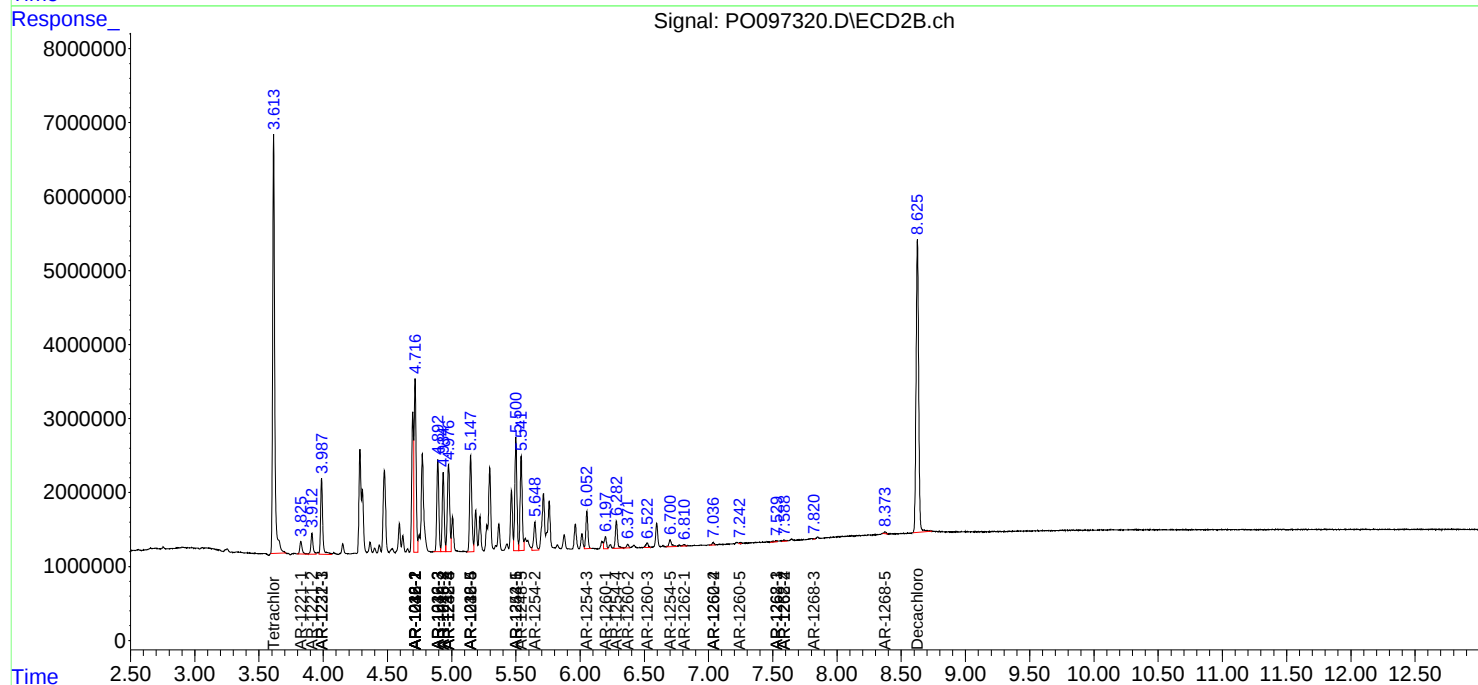
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

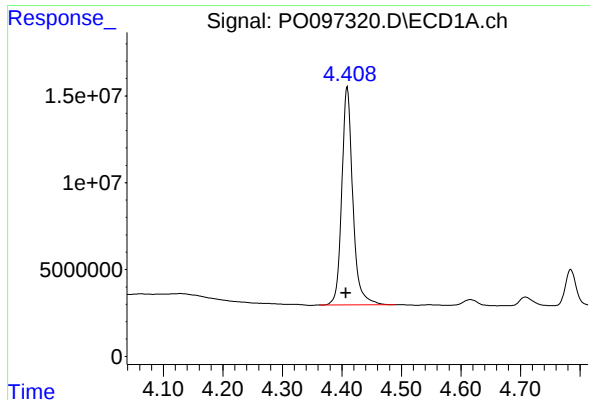
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.854	7.588	59578	197812	0.217	1.180 #
43) L9	AR-1268-3	9.093	7.821	319781	20604	1.252	0.143 #
44) L9	AR-1268-4	9.552	0.000	69091	0	0.745	N.D. #
45) L9	AR-1268-5	9.985	8.373	763084	301553	0.945	0.725

(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

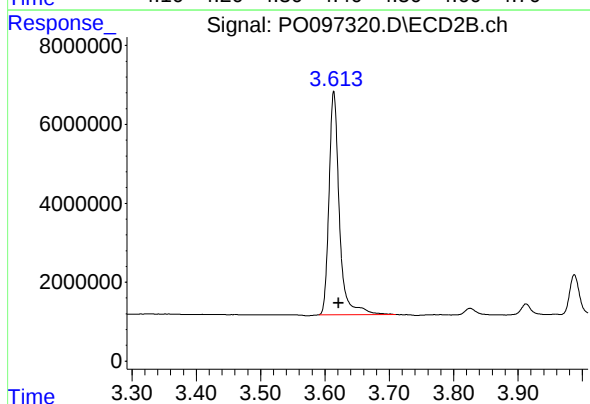




#1 Tetrachloro-m-xylene

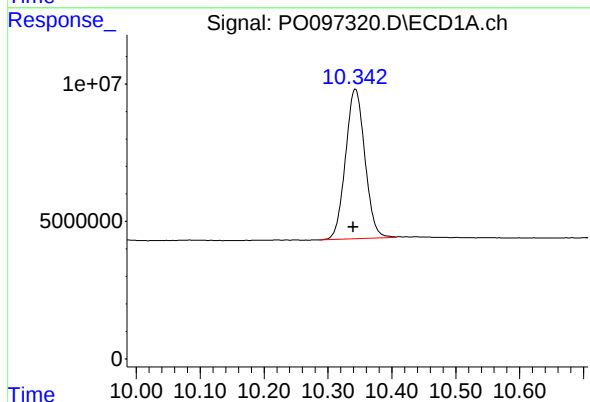
R.T.: 4.409 min
Delta R.T.: 0.002 min
Response: 161593910
Conc: 48.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



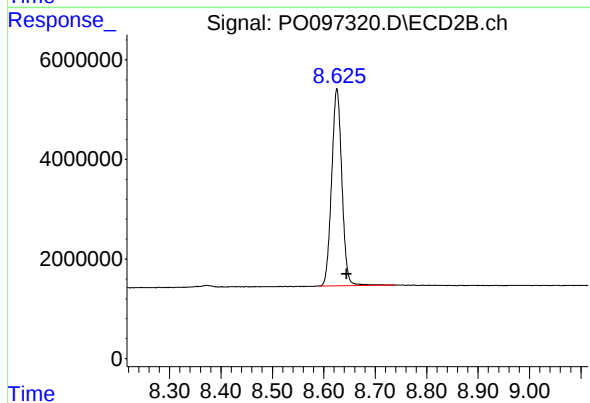
#1 Tetrachloro-m-xylene

R.T.: 3.614 min
Delta R.T.: -0.007 min
Response: 63226537
Conc: 47.76 ng/ml



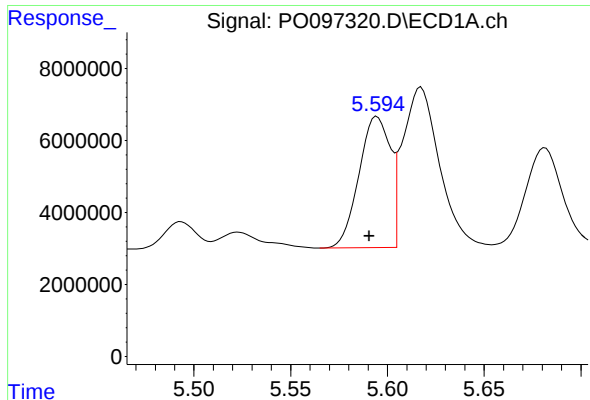
#2 Decachlorobiphenyl

R.T.: 10.343 min
Delta R.T.: 0.003 min
Response: 114381782
Conc: 52.27 ng/ml



#2 Decachlorobiphenyl

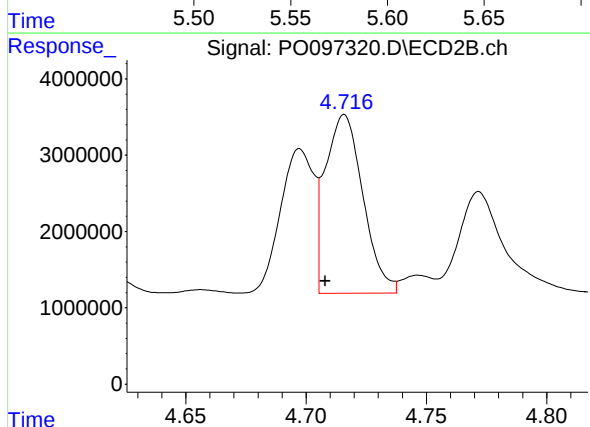
R.T.: 8.626 min
Delta R.T.: -0.019 min
Response: 54862673
Conc: 47.42 ng/ml



#3 AR-1016-1

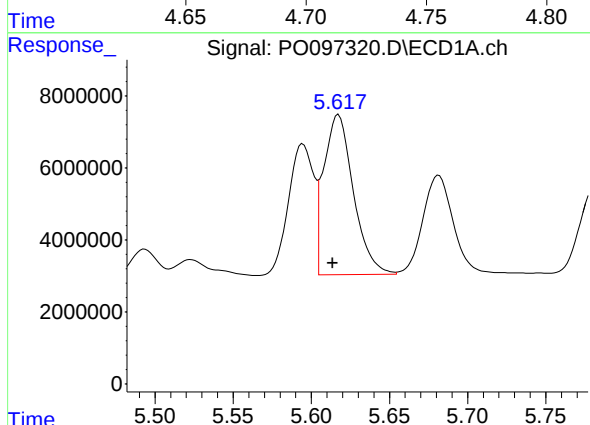
R.T.: 5.595 min
Delta R.T.: 0.004 min
Response: 41117693
Conc: 436.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



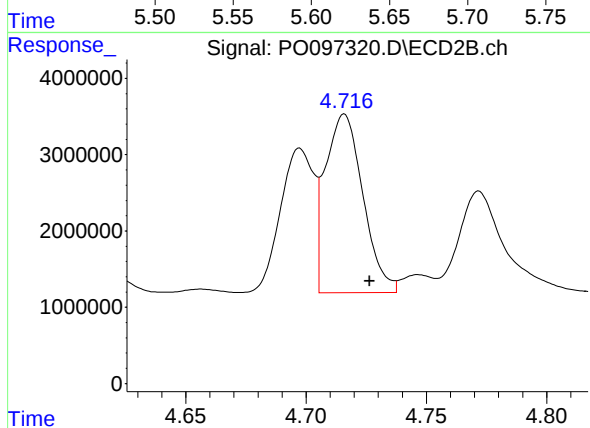
#3 AR-1016-1

R.T.: 4.716 min
Delta R.T.: 0.008 min
Response: 25453064
Conc: 574.09 ng/ml



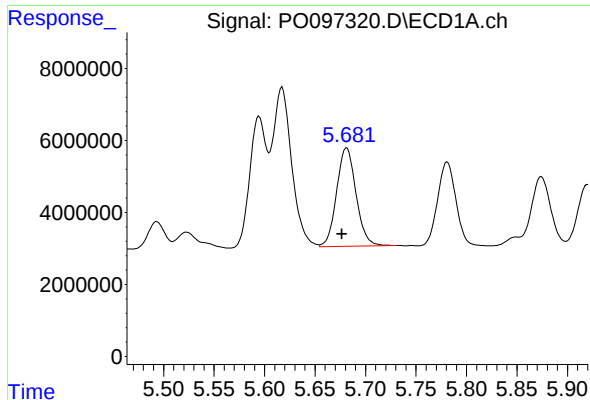
#4 AR-1016-2

R.T.: 5.617 min
Delta R.T.: 0.004 min
Response: 58661634
Conc: 438.51 ng/ml



#4 AR-1016-2

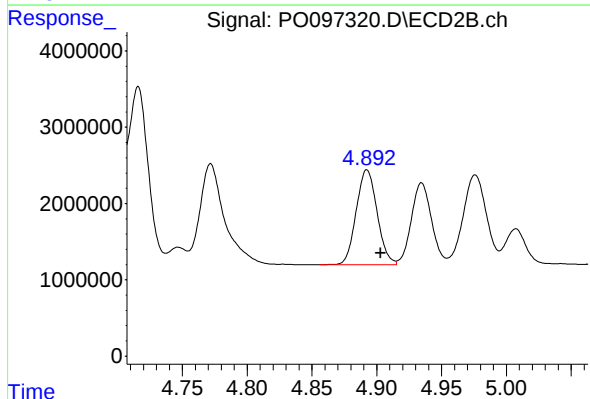
R.T.: 4.716 min
Delta R.T.: -0.011 min
Response: 25453064
Conc: 416.10 ng/ml



#5 AR-1016-3

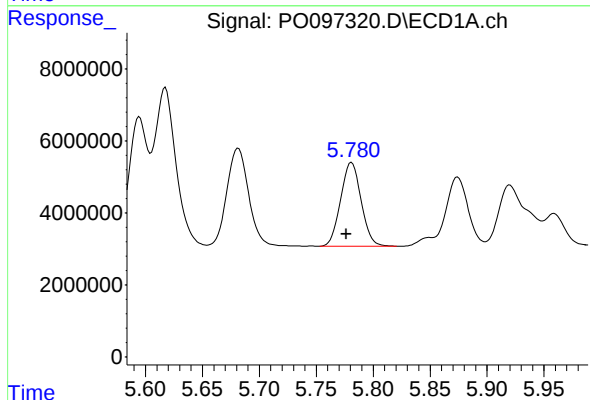
R.T.: 5.681 min
Delta R.T.: 0.005 min
Response: 36727197
Conc: 422.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



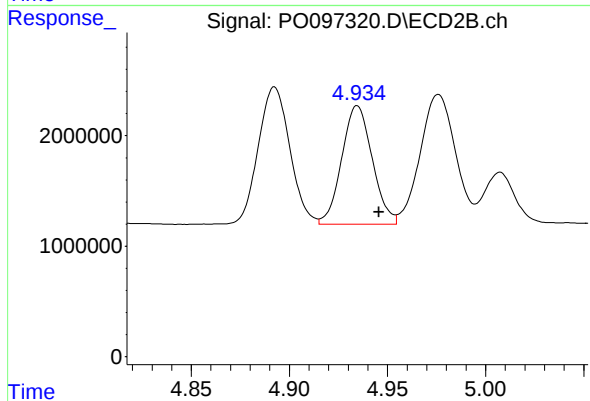
#5 AR-1016-3

R.T.: 4.892 min
Delta R.T.: -0.010 min
Response: 13936053
Conc: 426.59 ng/ml



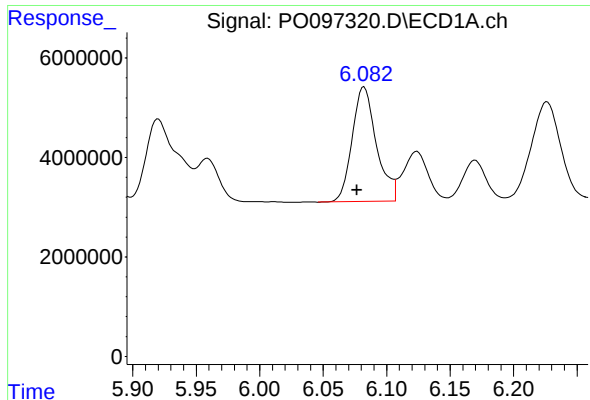
#6 AR-1016-4

R.T.: 5.781 min
Delta R.T.: 0.005 min
Response: 29216982
Conc: 434.97 ng/ml



#6 AR-1016-4

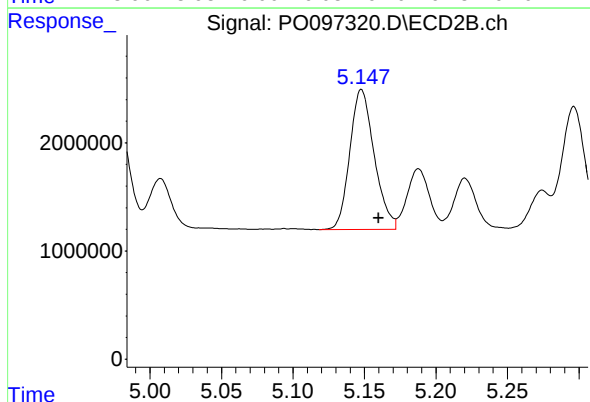
R.T.: 4.935 min
Delta R.T.: -0.011 min
Response: 11607793
Conc: 406.06 ng/ml



#7 AR-1016-5

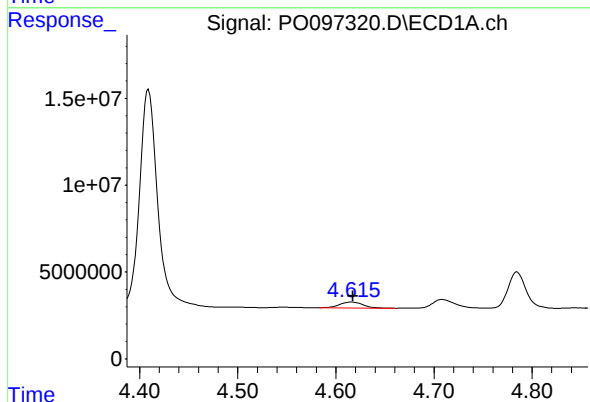
R.T.: 6.082 min
Delta R.T.: 0.006 min
Response: 30698986
Conc: 439.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



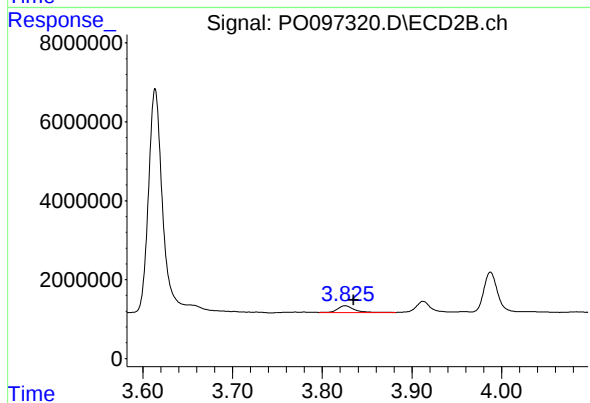
#7 AR-1016-5

R.T.: 5.148 min
Delta R.T.: -0.012 min
Response: 15386009
Conc: 400.19 ng/ml



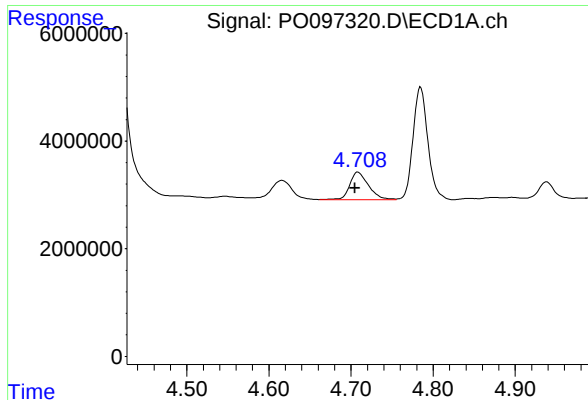
#8 AR-1221-1

R.T.: 4.616 min
Delta R.T.: -0.001 min
Response: 5680245
Conc: 139.38 ng/ml



#8 AR-1221-1

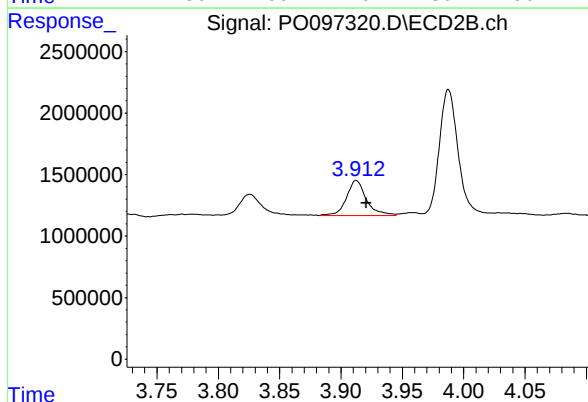
R.T.: 3.826 min
Delta R.T.: -0.009 min
Response: 2155737
Conc: 124.20 ng/ml



#9 AR-1221-2

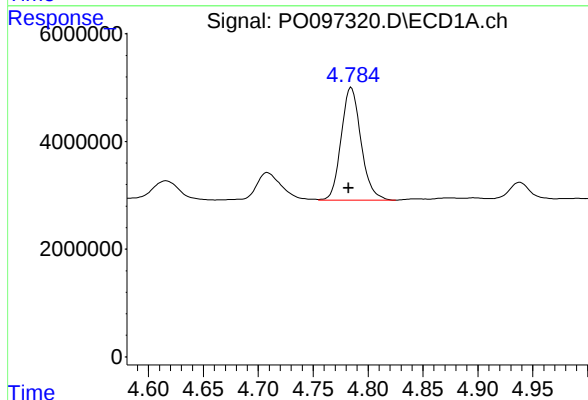
R.T.: 4.708 min
Delta R.T.: 0.003 min
Response: 8153712
Conc: 268.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



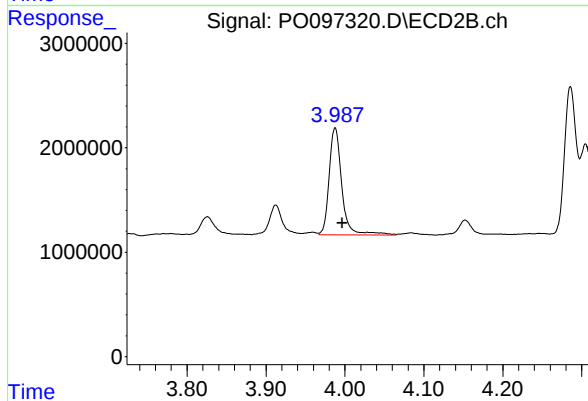
#9 AR-1221-2

R.T.: 3.913 min
Delta R.T.: -0.008 min
Response: 3233602
Conc: 250.26 ng/ml



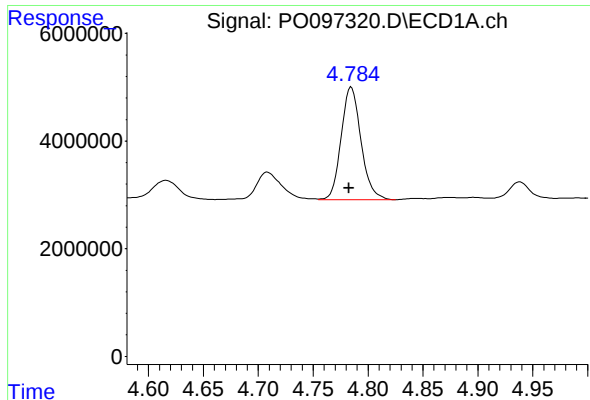
#10 AR-1221-3

R.T.: 4.785 min
Delta R.T.: 0.002 min
Response: 26407518
Conc: 301.69 ng/ml



#10 AR-1221-3

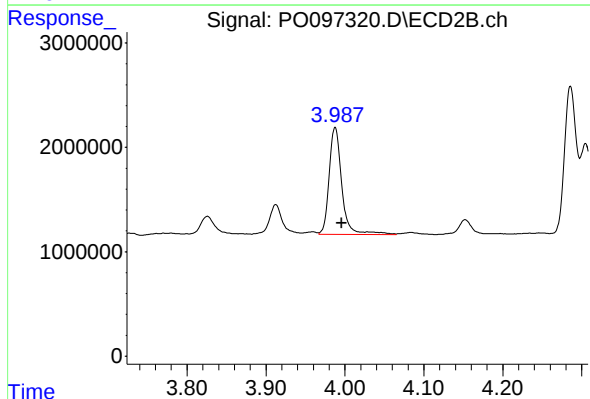
R.T.: 3.988 min
Delta R.T.: -0.009 min
Response: 11470010
Conc: 288.96 ng/ml



#11 AR-1232-1

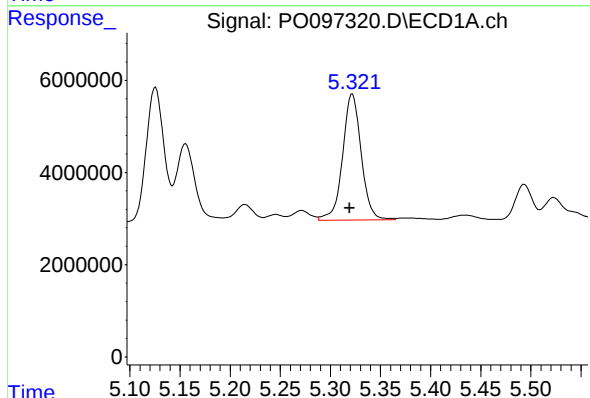
R.T.: 4.785 min
Delta R.T.: 0.002 min
Response: 26407518
Conc: 362.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



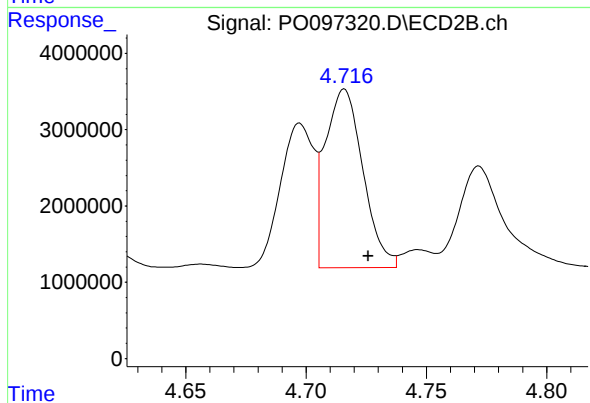
#11 AR-1232-1

R.T.: 3.988 min
Delta R.T.: -0.008 min
Response: 11470010
Conc: 354.59 ng/ml



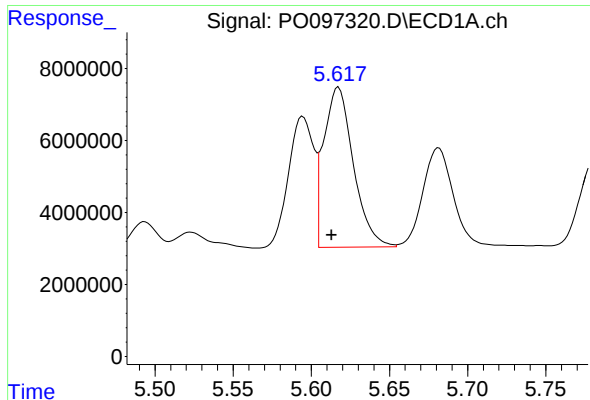
#12 AR-1232-2

R.T.: 5.322 min
Delta R.T.: 0.003 min
Response: 35204630
Conc: 887.98 ng/ml



#12 AR-1232-2

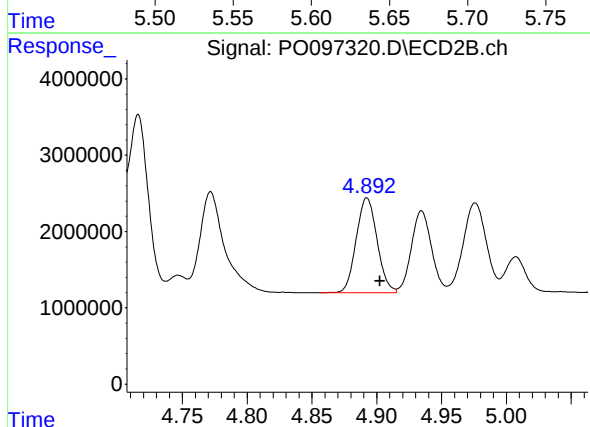
R.T.: 4.716 min
Delta R.T.: -0.010 min
Response: 25453064
Conc: 882.18 ng/ml



#13 AR-1232-3

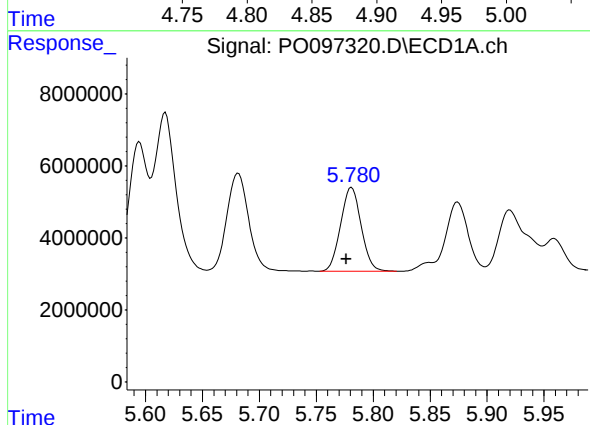
R.T.: 5.617 min
Delta R.T.: 0.004 min
Response: 58661634
Conc: 958.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



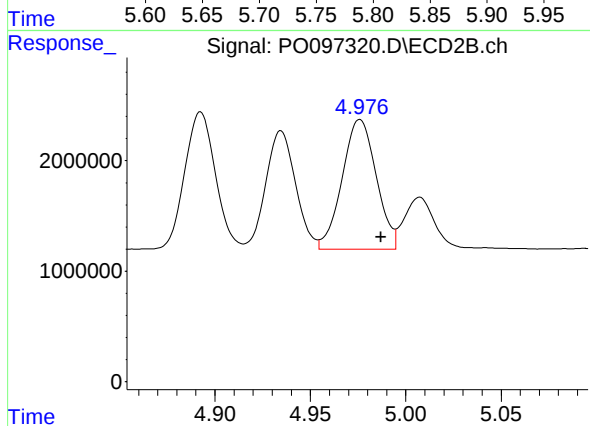
#13 AR-1232-3

R.T.: 4.892 min
Delta R.T.: -0.010 min
Response: 13936053
Conc: 919.15 ng/ml



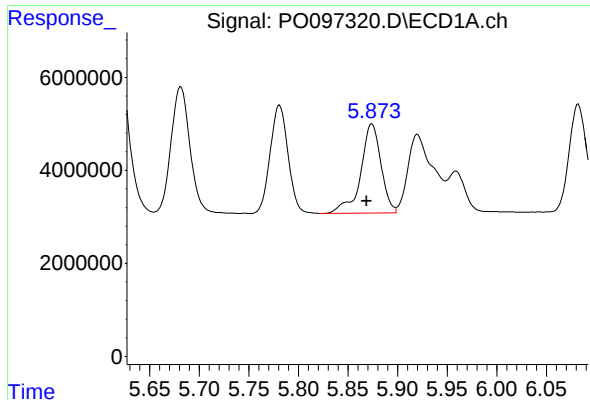
#14 AR-1232-4

R.T.: 5.781 min
Delta R.T.: 0.005 min
Response: 29216982
Conc: 957.50 ng/ml



#14 AR-1232-4

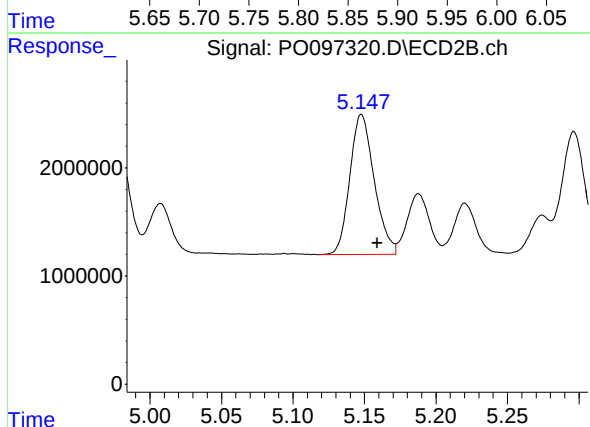
R.T.: 4.976 min
Delta R.T.: -0.011 min
Response: 14629814
Conc: 978.93 ng/ml



#15 AR-1232-5

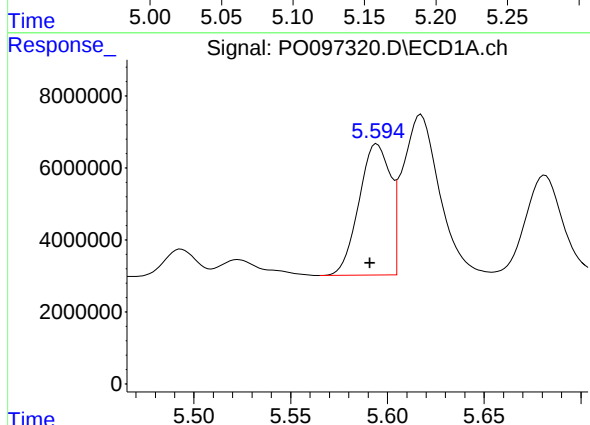
R.T.: 5.874 min
Delta R.T.: 0.005 min
Response: 27206592
Conc: 972.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



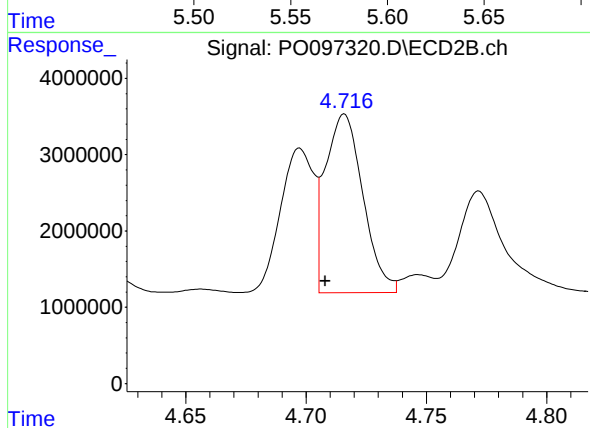
#15 AR-1232-5

R.T.: 5.148 min
Delta R.T.: -0.011 min
Response: 15386009
Conc: 941.23 ng/ml



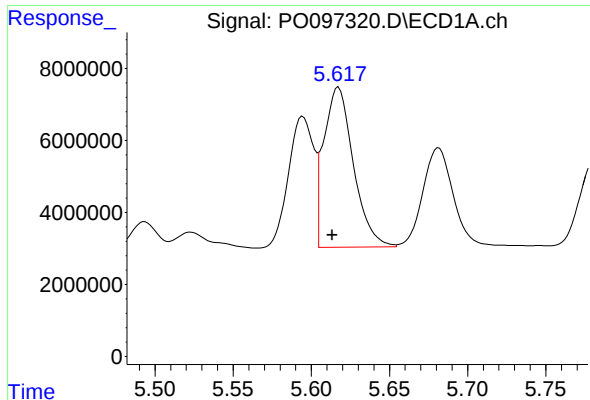
#16 AR-1242-1

R.T.: 5.595 min
Delta R.T.: 0.004 min
Response: 41117693
Conc: 490.57 ng/ml



#16 AR-1242-1

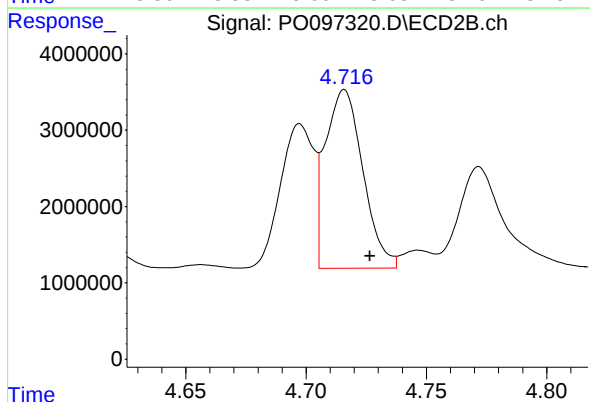
R.T.: 4.716 min
Delta R.T.: 0.008 min
Response: 25453064
Conc: 645.61 ng/ml



#17 AR-1242-2

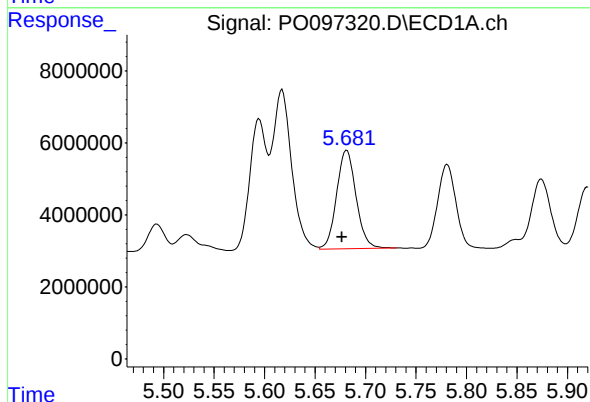
R.T.: 5.617 min
Delta R.T.: 0.004 min
Response: 58661634
Conc: 498.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



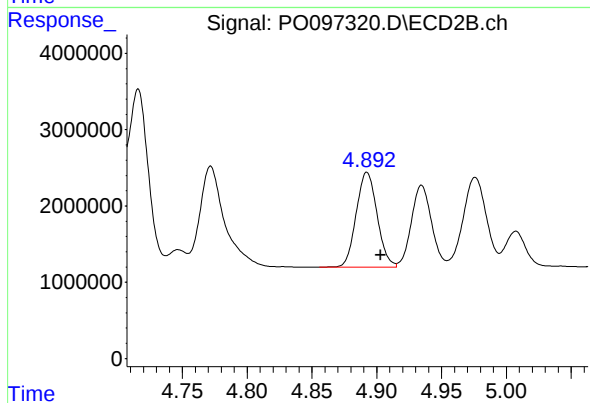
#17 AR-1242-2

R.T.: 4.716 min
Delta R.T.: -0.011 min
Response: 25453064
Conc: 467.11 ng/ml



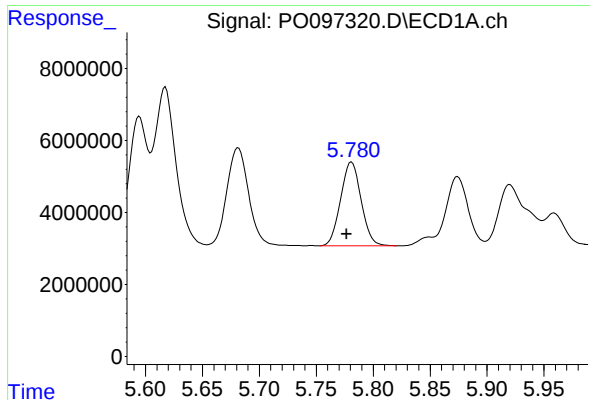
#18 AR-1242-3

R.T.: 5.681 min
Delta R.T.: 0.005 min
Response: 36727197
Conc: 497.17 ng/ml



#18 AR-1242-3

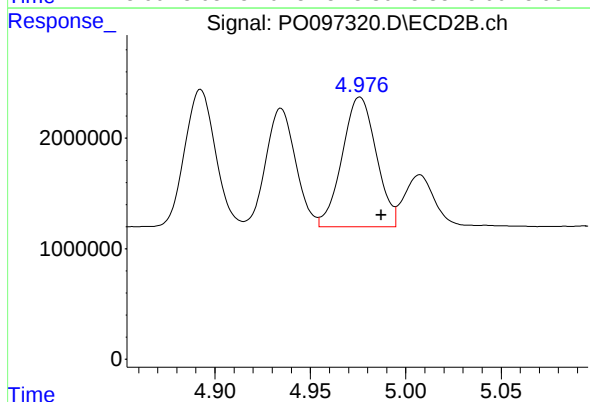
R.T.: 4.892 min
Delta R.T.: -0.011 min
Response: 13936053
Conc: 471.31 ng/ml



#19 AR-1242-4

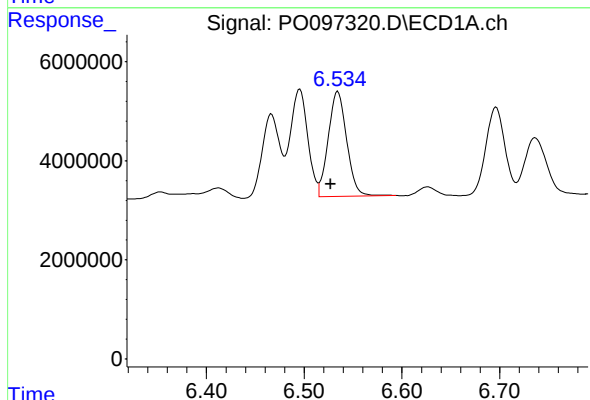
R.T.: 5.781 min
Delta R.T.: 0.004 min
Response: 29216982
Conc: 490.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



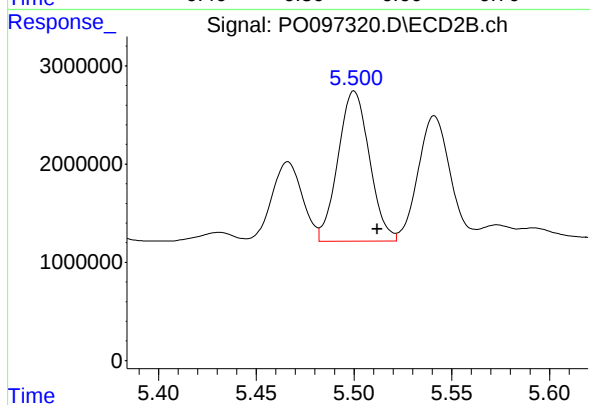
#19 AR-1242-4

R.T.: 4.976 min
Delta R.T.: -0.011 min
Response: 14629814
Conc: 464.23 ng/ml



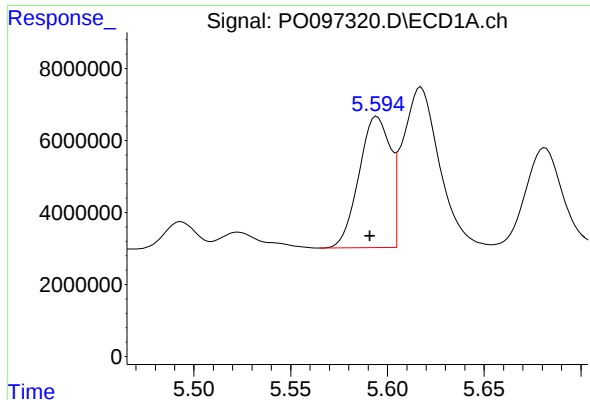
#20 AR-1242-5

R.T.: 6.534 min
Delta R.T.: 0.007 min
Response: 27840152
Conc: 506.00 ng/ml



#20 AR-1242-5

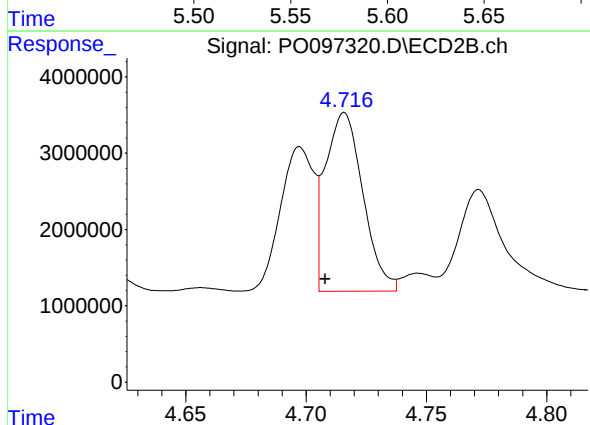
R.T.: 5.500 min
Delta R.T.: -0.012 min
Response: 17128792
Conc: 470.10 ng/ml



#21 AR-1248-1

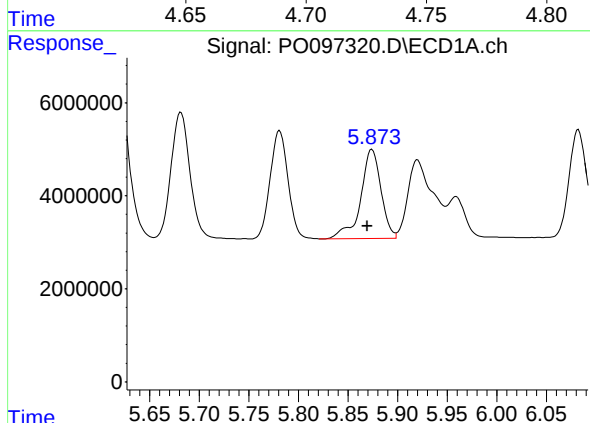
R.T.: 5.595 min
Delta R.T.: 0.004 min
Response: 41117693
Conc: 701.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



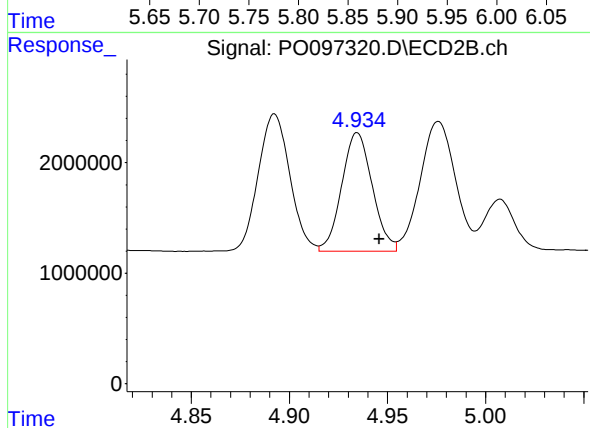
#21 AR-1248-1

R.T.: 4.716 min
Delta R.T.: 0.008 min
Response: 25453064
Conc: 907.01 ng/ml



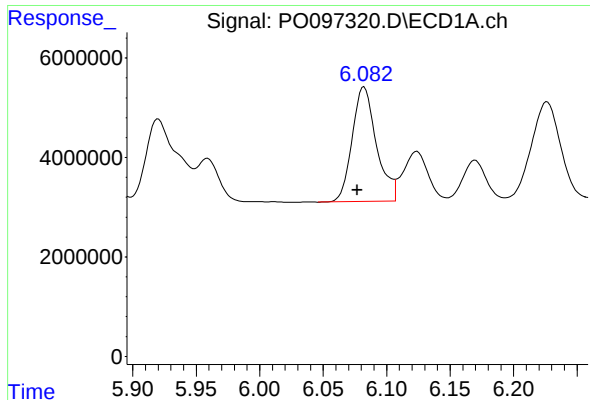
#22 AR-1248-2

R.T.: 5.874 min
Delta R.T.: 0.005 min
Response: 27206592
Conc: 289.38 ng/ml



#22 AR-1248-2

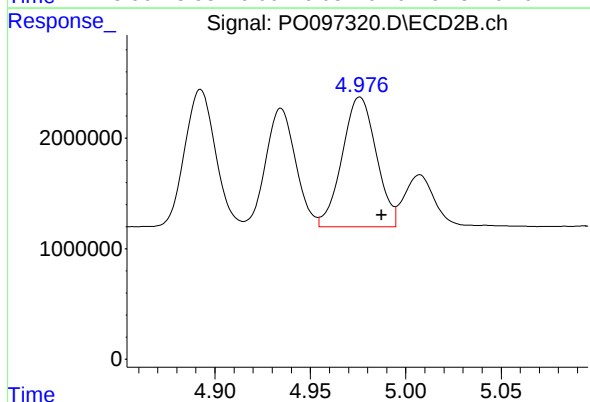
R.T.: 4.935 min
Delta R.T.: -0.011 min
Response: 11607793
Conc: 273.89 ng/ml



#23 AR-1248-3

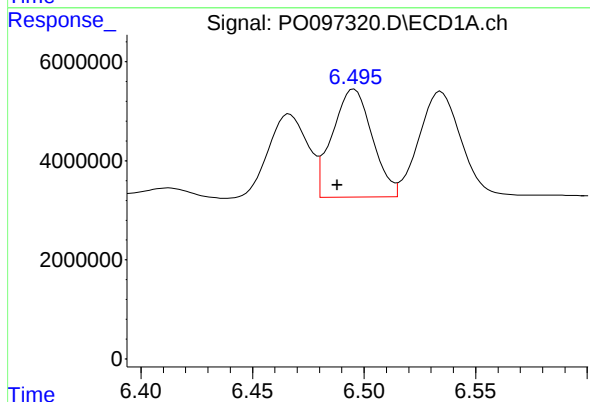
R.T.: 6.082 min
Delta R.T.: 0.005 min
Response: 30698986
Conc: 313.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



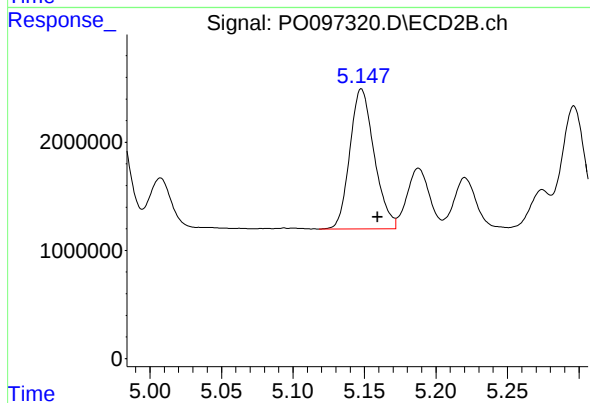
#23 AR-1248-3

R.T.: 4.976 min
Delta R.T.: -0.011 min
Response: 14629814
Conc: 333.52 ng/ml



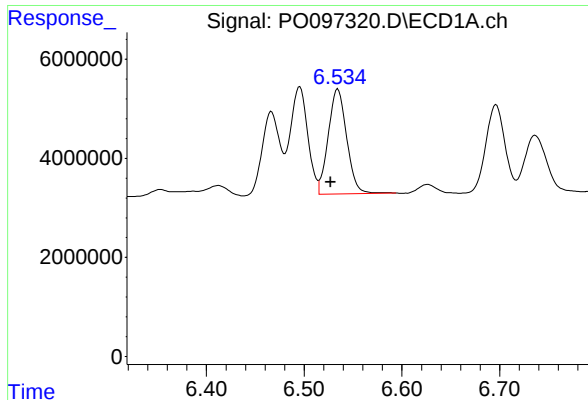
#24 AR-1248-4

R.T.: 6.496 min
Delta R.T.: 0.008 min
Response: 27120646
Conc: 298.54 ng/ml



#24 AR-1248-4

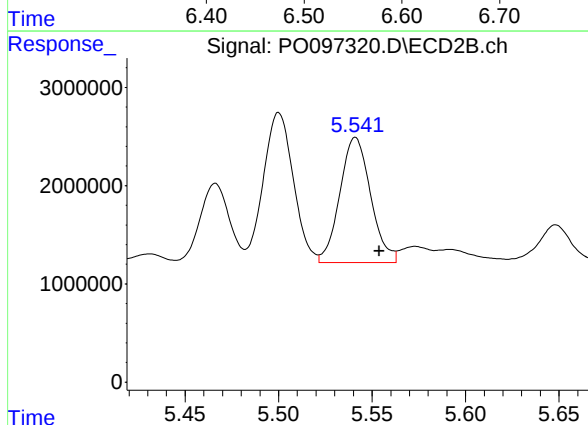
R.T.: 5.148 min
Delta R.T.: -0.011 min
Response: 15386009
Conc: 301.39 ng/ml



#25 AR-1248-5

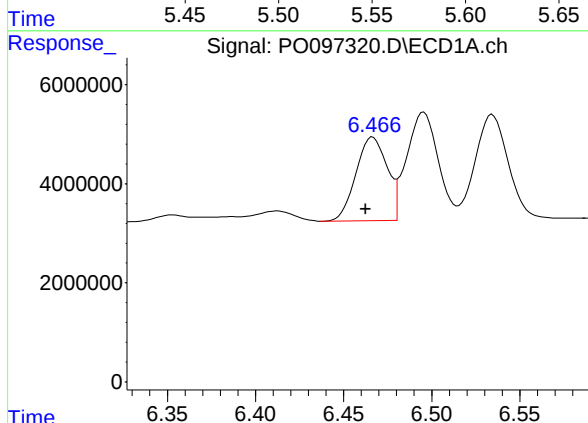
R.T.: 6.534 min
Delta R.T.: 0.007 min
Response: 27840152
Conc: 316.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



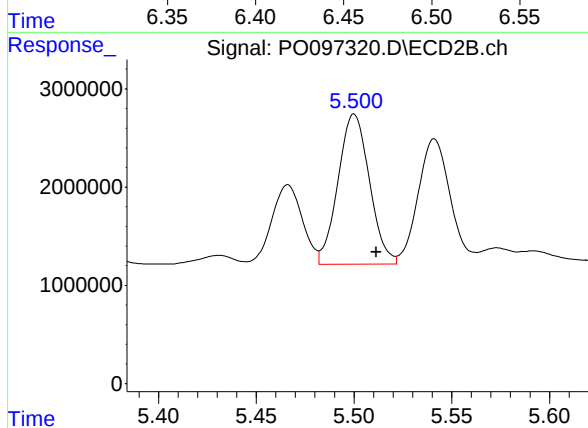
#25 AR-1248-5

R.T.: 5.541 min
Delta R.T.: -0.013 min
Response: 14636069
Conc: 313.06 ng/ml



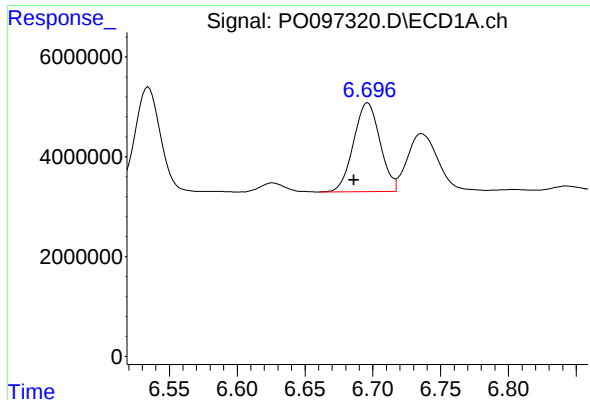
#26 AR-1254-1

R.T.: 6.467 min
Delta R.T.: 0.004 min
Response: 20763148
Conc: 189.98 ng/ml



#26 AR-1254-1

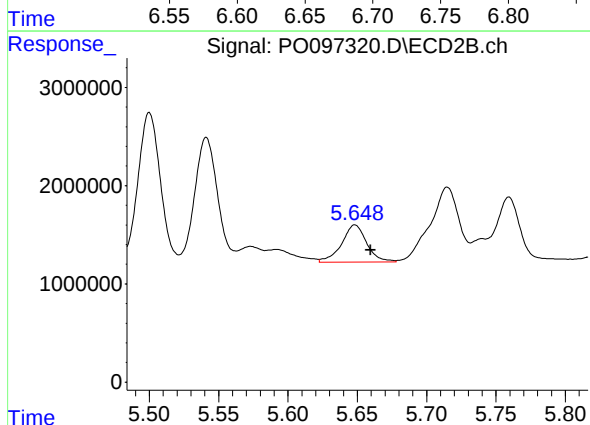
R.T.: 5.500 min
Delta R.T.: -0.011 min
Response: 17128792
Conc: 232.11 ng/ml



#27 AR-1254-2

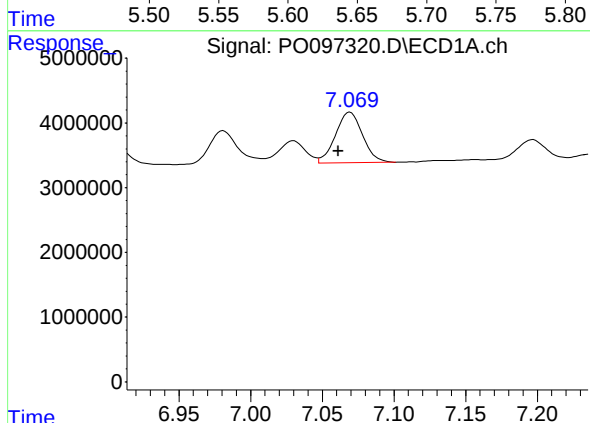
R.T.: 6.696 min
Delta R.T.: 0.010 min
Response: 24145208
Conc: 149.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



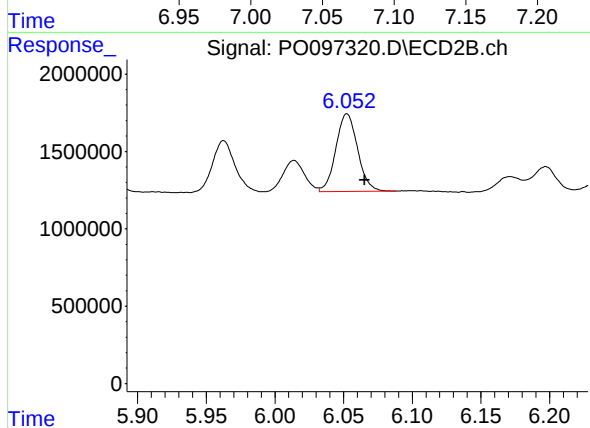
#27 AR-1254-2

R.T.: 5.648 min
Delta R.T.: -0.011 min
Response: 4791315
Conc: 72.73 ng/ml



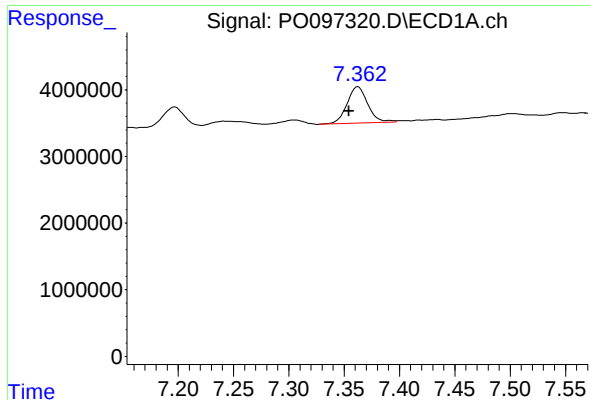
#28 AR-1254-3

R.T.: 7.069 min
Delta R.T.: 0.008 min
Response: 10277437
Conc: 65.59 ng/ml



#28 AR-1254-3

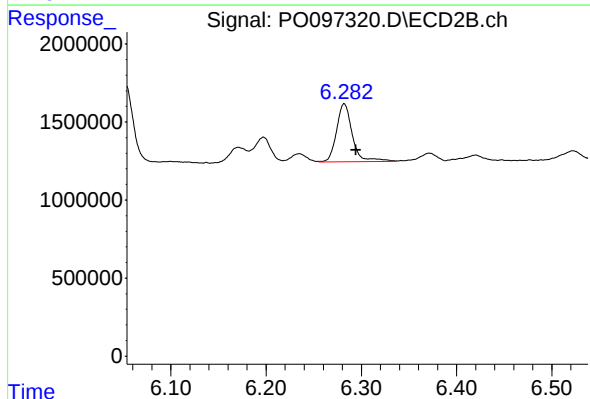
R.T.: 6.052 min
Delta R.T.: -0.013 min
Response: 5548947
Conc: 54.91 ng/ml



#29 AR-1254-4

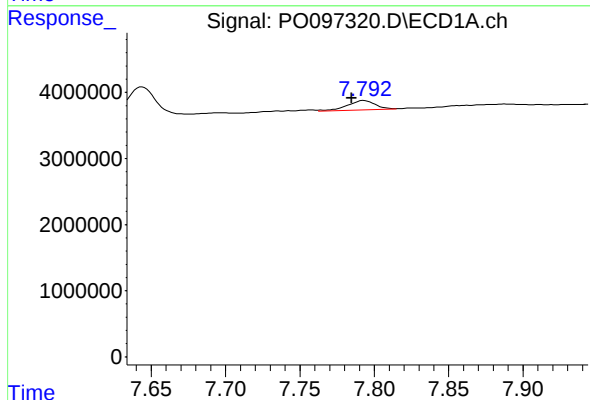
R.T.: 7.362 min
Delta R.T.: 0.008 min
Response: 7056269
Conc: 69.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



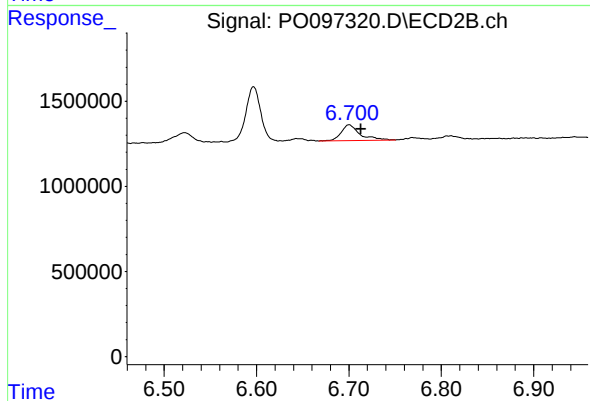
#29 AR-1254-4

R.T.: 6.282 min
Delta R.T.: -0.012 min
Response: 4282757
Conc: 74.00 ng/ml



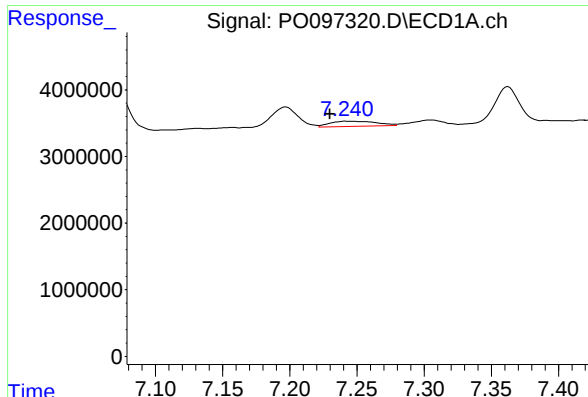
#30 AR-1254-5

R.T.: 7.793 min
Delta R.T.: 0.008 min
Response: 1862373
Conc: 16.60 ng/ml



#30 AR-1254-5

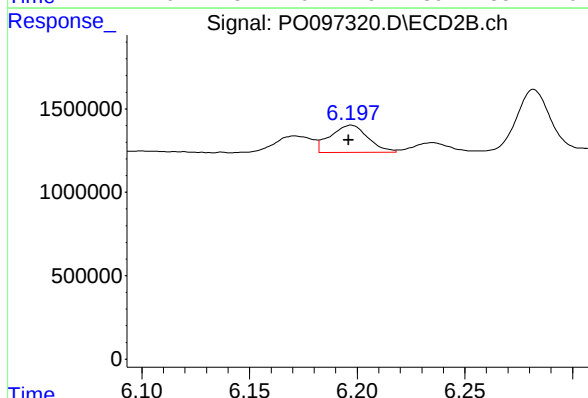
R.T.: 6.700 min
Delta R.T.: -0.013 min
Response: 1322590
Conc: 15.04 ng/ml



#31 AR-1260-1

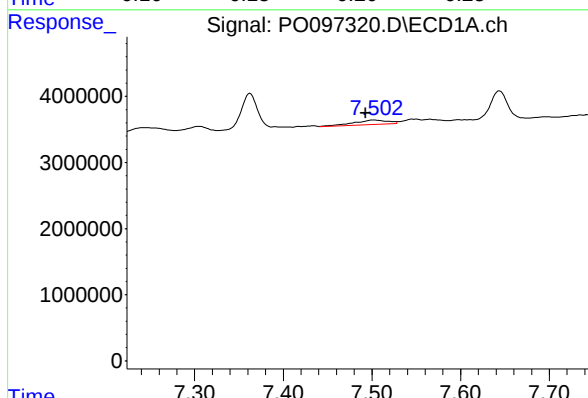
R.T.: 7.242 min
Delta R.T.: 0.012 min
Response: 1902746
Conc: 15.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



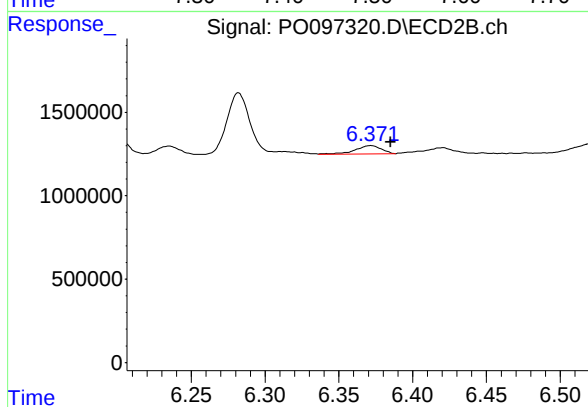
#31 AR-1260-1

R.T.: 6.197 min
Delta R.T.: 0.001 min
Response: 1976066
Conc: 28.08 ng/ml



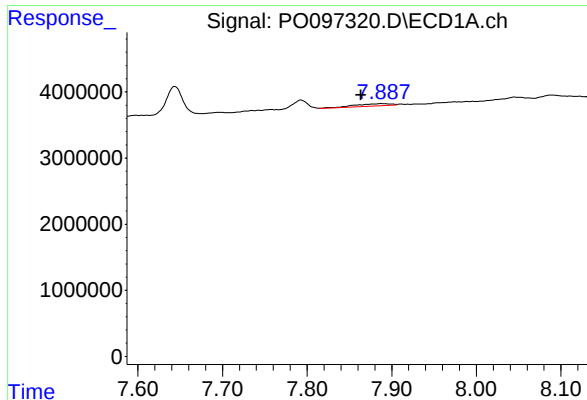
#32 AR-1260-2

R.T.: 7.503 min
Delta R.T.: 0.010 min
Response: 1806740
Conc: 13.41 ng/ml



#32 AR-1260-2

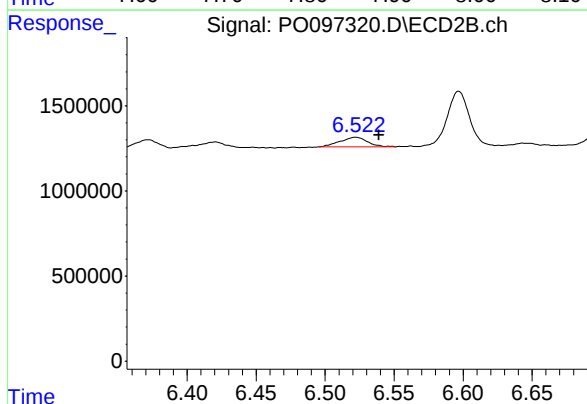
R.T.: 6.372 min
Delta R.T.: -0.014 min
Response: 606275
Conc: 7.26 ng/ml



#33 AR-1260-3

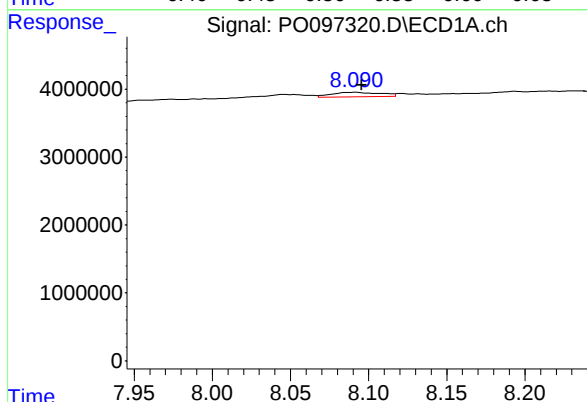
R.T.: 7.888 min
Delta R.T.: 0.024 min
Response: 1144861
Conc: 11.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



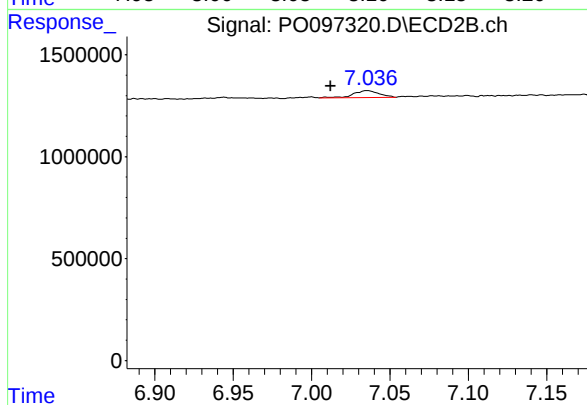
#33 AR-1260-3

R.T.: 6.522 min
Delta R.T.: -0.017 min
Response: 781032
Conc: 10.11 ng/ml



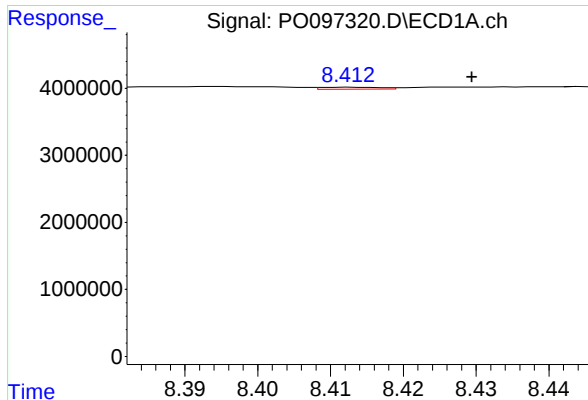
#34 AR-1260-4

R.T.: 8.091 min
Delta R.T.: -0.004 min
Response: 1482766
Conc: 13.26 ng/ml



#34 AR-1260-4

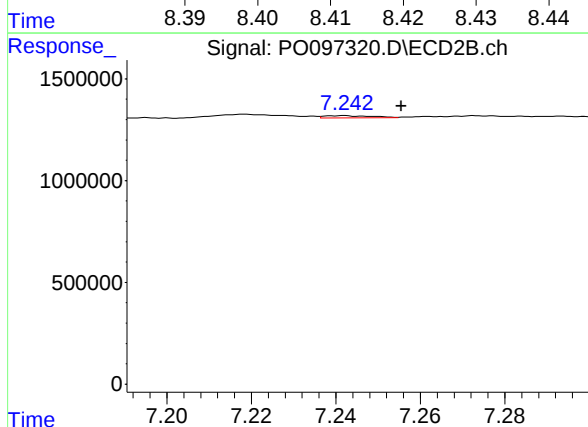
R.T.: 7.036 min
Delta R.T.: 0.024 min
Response: 395420
Conc: 6.17 ng/ml



#35 AR-1260-5

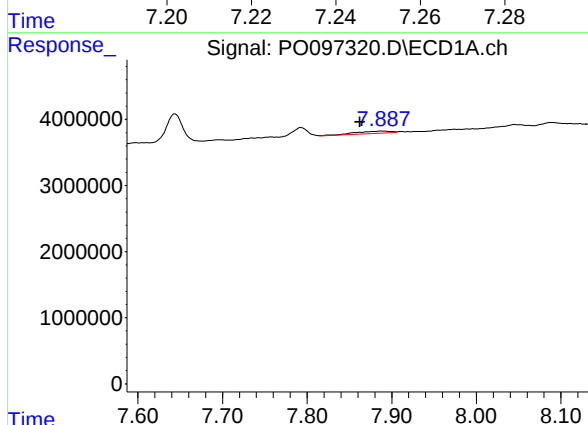
R.T.: 8.413 min
Delta R.T.: -0.017 min
Response: 156698
Conc: 0.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



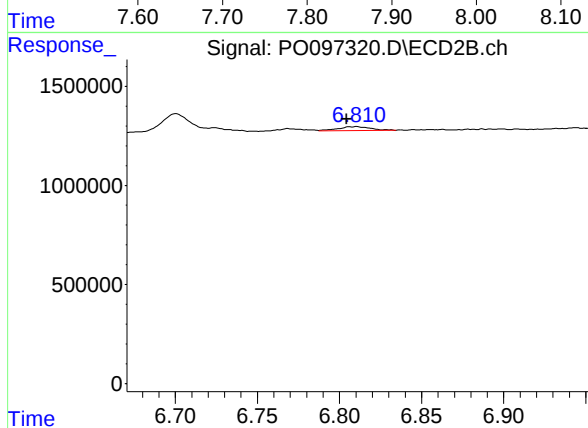
#35 AR-1260-5

R.T.: 7.242 min
Delta R.T.: -0.014 min
Response: 86466
Conc: 0.62 ng/ml



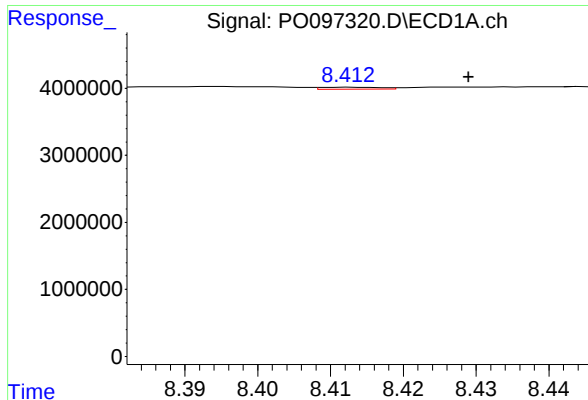
#36 AR-1262-1

R.T.: 7.888 min
Delta R.T.: 0.026 min
Response: 1144861
Conc: 7.71 ng/ml



#36 AR-1262-1

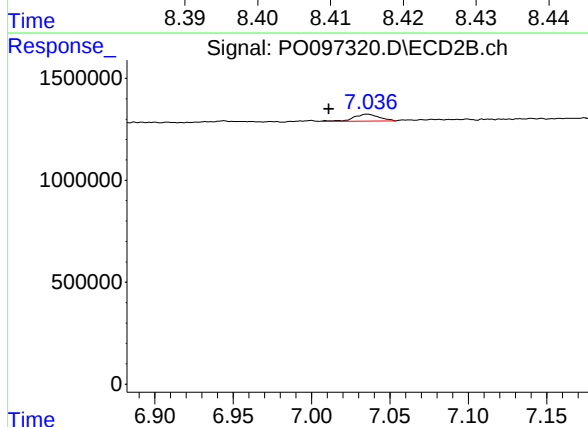
R.T.: 6.810 min
Delta R.T.: 0.006 min
Response: 279076
Conc: 7.09 ng/ml



#37 AR-1262-2

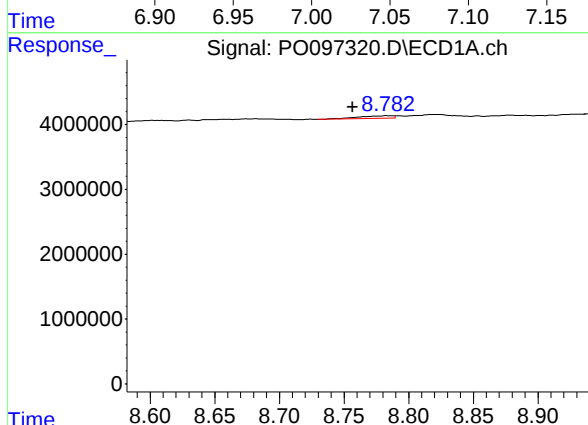
R.T.: 8.413 min
Delta R.T.: -0.016 min
Response: 156698
Conc: 0.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



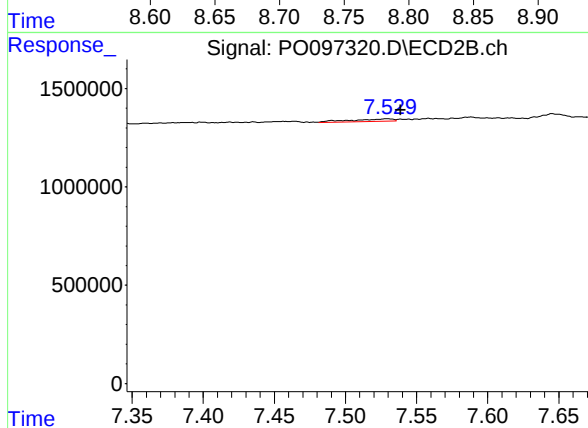
#37 AR-1262-2

R.T.: 7.036 min
Delta R.T.: 0.025 min
Response: 395420
Conc: 4.88 ng/ml



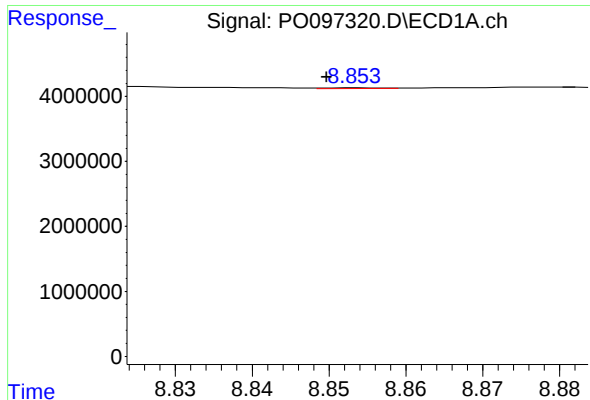
#38 AR-1262-3

R.T.: 8.783 min
Delta R.T.: 0.026 min
Response: 769625
Conc: 4.61 ng/ml



#38 AR-1262-3

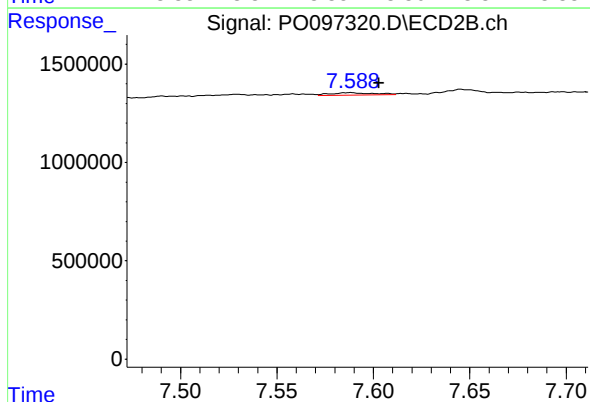
R.T.: 7.530 min
Delta R.T.: -0.009 min
Response: 260407
Conc: 4.06 ng/ml



#39 AR-1262-4

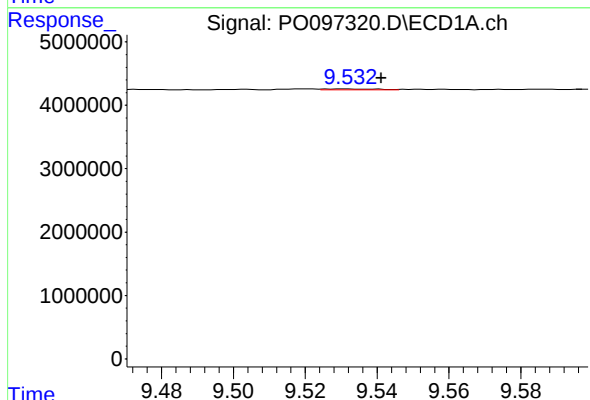
R.T.: 8.854 min
Delta R.T.: 0.004 min
Response: 59578
Conc: 0.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



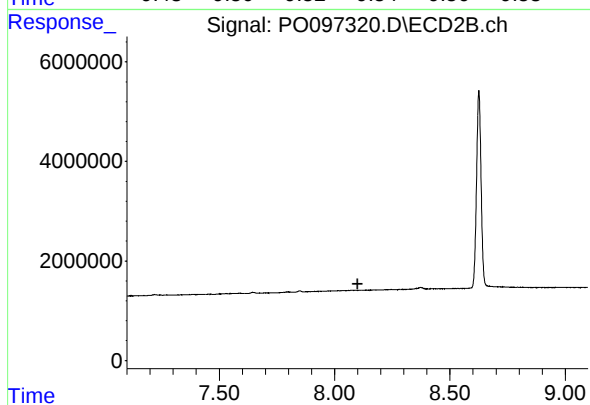
#39 AR-1262-4

R.T.: 7.588 min
Delta R.T.: -0.015 min
Response: 197812
Conc: 1.74 ng/ml



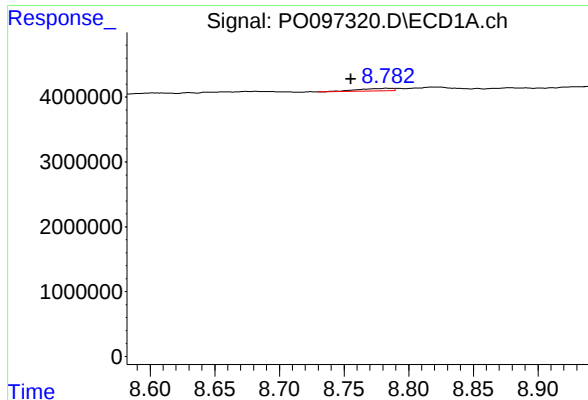
#40 AR-1262-5

R.T.: 9.531 min
Delta R.T.: -0.010 min
Response: 154073
Conc: 1.85 ng/ml



#40 AR-1262-5

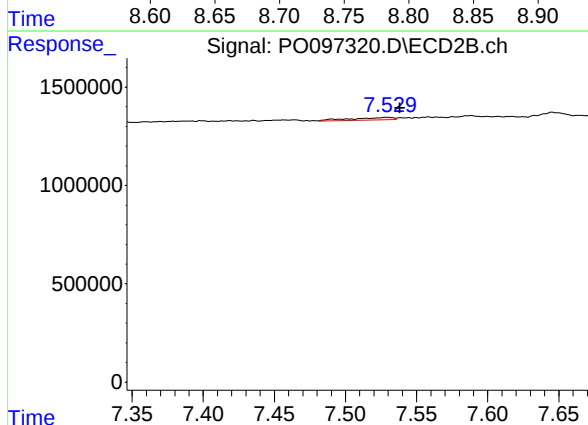
R.T.: 0.000 min
Exp R.T. : 8.099 min
Response: 0
Conc: N.D.



#41 AR-1268-1

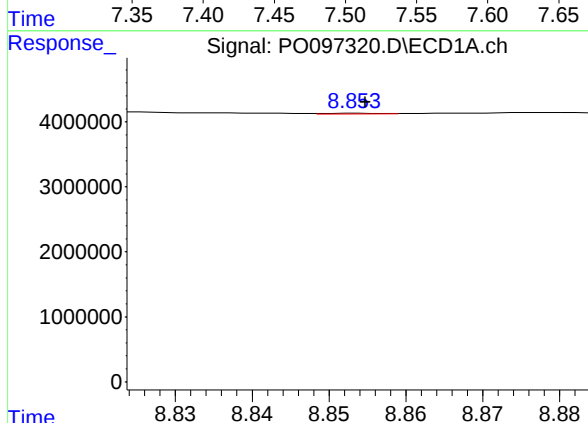
R.T.: 8.783 min
Delta R.T.: 0.027 min
Response: 769625
Conc: 2.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



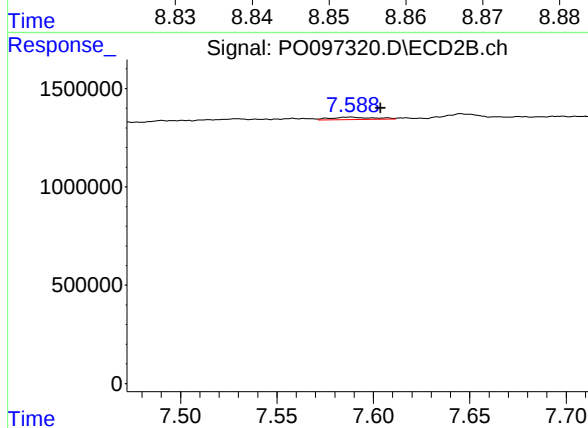
#41 AR-1268-1

R.T.: 7.530 min
Delta R.T.: -0.009 min
Response: 260407
Conc: 1.41 ng/ml



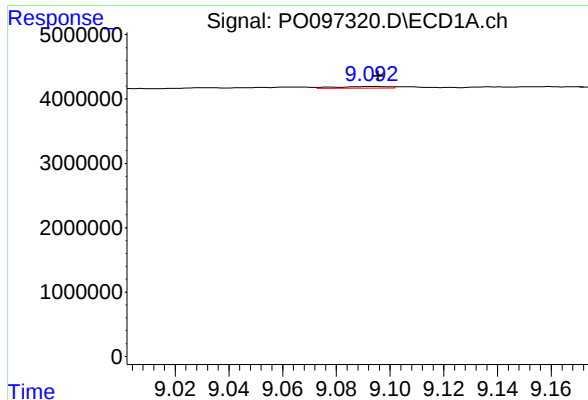
#42 AR-1268-2

R.T.: 8.854 min
Delta R.T.: 0.000 min
Response: 59578
Conc: 0.22 ng/ml



#42 AR-1268-2

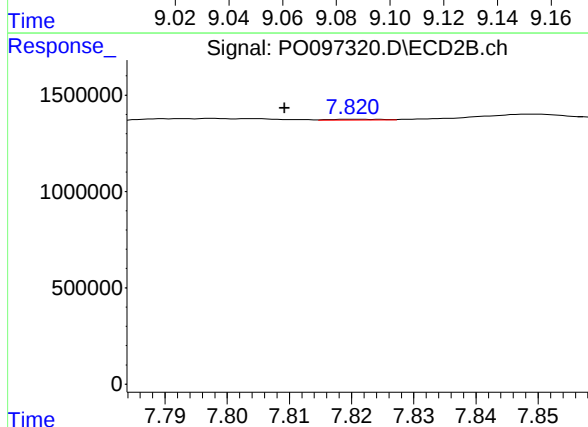
R.T.: 7.588 min
Delta R.T.: -0.016 min
Response: 197812
Conc: 1.18 ng/ml



#43 AR-1268-3

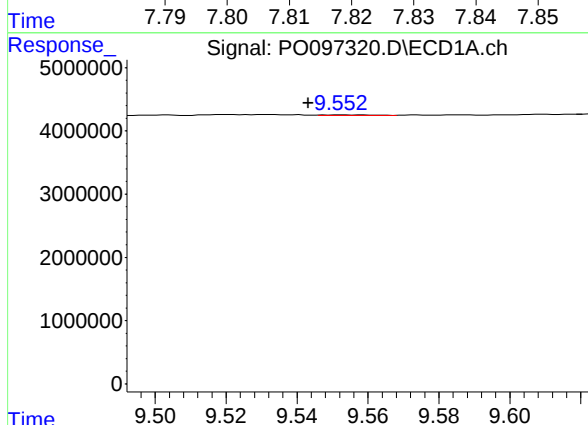
R.T.: 9.093 min
Delta R.T.: -0.002 min
Response: 319781
Conc: 1.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



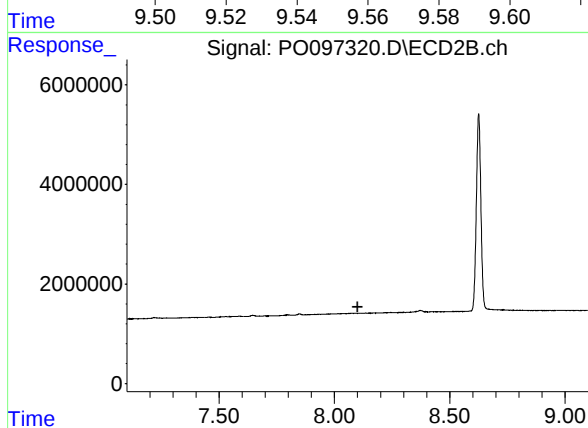
#43 AR-1268-3

R.T.: 7.821 min
Delta R.T.: 0.011 min
Response: 20604
Conc: 0.14 ng/ml



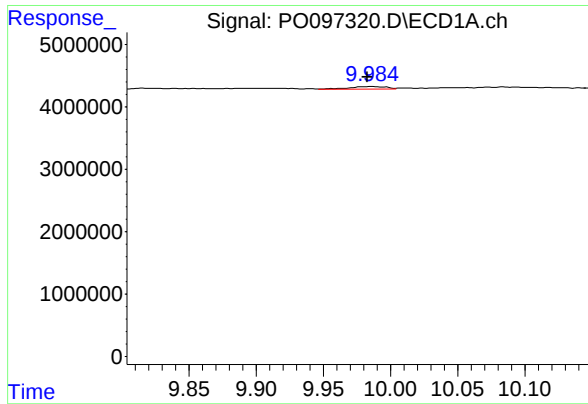
#44 AR-1268-4

R.T.: 9.552 min
Delta R.T.: 0.009 min
Response: 69091
Conc: 0.75 ng/ml



#44 AR-1268-4

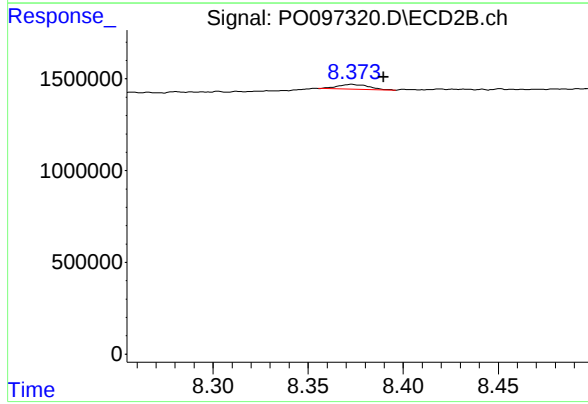
R.T.: 0.000 min
Exp R.T. : 8.100 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.985 min
Delta R.T.: 0.002 min
Response: 763084
Conc: 0.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.373 min
Delta R.T.: -0.017 min
Response: 301553
Conc: 0.73 ng/ml