

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081623\
 Data File : P0097165.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2023 16:26
 Operator : YP/AJ
 Sample : 04022-07MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 01:20:24 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...	4.412	3.616	69252187	25956499	20.921	19.608
2) SA Decachlor...	10.353	8.632	45423075	22882951	20.758	19.779
Target Compounds						
3) L1 AR-1016-1	5.598	4.701	50635871	22710965	537.629	512.246
4) L1 AR-1016-2	5.621	4.720	71647536	32141072	535.585	525.432
5) L1 AR-1016-3	5.684	4.896	44560110	16904799	512.061	517.466
6) L1 AR-1016-4	5.785	4.939	35461545	14514992	527.934	507.759
7) L1 AR-1016-5	6.086	5.152	36433283	18482370	521.840	480.730
8) L2 AR-1221-1	4.620	3.828	6312004	2298232	154.877	132.409
9) L2 AR-1221-2	4.710	3.916	6825301	3335515	224.665	258.153
10) L2 AR-1221-3	4.788	3.991	30012828	13239765	342.880	333.546
11) L3 AR-1232-1	4.788	3.991	30012828	13239765	411.510	409.303
12) L3 AR-1232-2	5.326	4.720	41059986	32141072	1035.667	1113.977
13) L3 AR-1232-3	5.621	4.896	71647536	16904799	1171.235	1114.955
14) L3 AR-1232-4	5.785	4.980	35461545	17775671	1162.147	1189.433
15) L3 AR-1232-5	5.878	5.152	33627223	18482370	1201.694	1130.643
16) L4 AR-1242-1	5.598	4.701	50635871	22710965	604.125	576.055
17) L4 AR-1242-2	5.621	4.720	71647536	32141072	608.411	589.843
18) L4 AR-1242-3	5.684	4.896	44560110	16904799	603.203	571.715
19) L4 AR-1242-4	5.785	4.980	35461545	17775671	595.689	564.058
20) L4 AR-1242-5	6.539	5.504	4102146	14855378	74.558	407.709 #
21) L5 AR-1248-1	5.598	4.701	50635871	22710965	864.181	809.299
22) L5 AR-1248-2	5.878	4.939	33627223	14514992	357.669	342.488
23) L5 AR-1248-3	6.086	4.980	36433283	17775671	372.495	405.235
24) L5 AR-1248-4	6.498	5.152	4541175	18482370	49.989	362.045 #
25) L5 AR-1248-5	6.539	5.545	4102146	2315910	46.570	49.536
26) L6 AR-1254-1	6.472	5.504	26973410	14855378	246.804	201.303
27) L6 AR-1254-2	6.695	5.652	29241496	14657176	181.368	222.482
28) L6 AR-1254-3	7.073	6.072	14437836	24746206	92.139	244.860 #
29) L6 AR-1254-4	7.367	6.287	8972486	2627450	88.997	45.399 #
30) L6 AR-1254-5	7.797	6.704	81538843	45969291	726.634	522.883 #
31) L7 AR-1260-1	7.242	6.187	62432820	34212546	496.729	486.194
32) L7 AR-1260-2	7.506	6.377	69170599	40224337	513.382	481.941
33) L7 AR-1260-3	7.875	6.530	45953157	36903156	442.819	477.899
34) L7 AR-1260-4	8.107	7.003	55492592	27755559	496.340	433.125
35) L7 AR-1260-5	8.442	7.246	98929169	62374726	471.137	449.923
36) L8 AR-1262-1	7.875	6.796	45953157	15752530	309.393	400.128 #
37) L8 AR-1262-2	8.442	7.003	98929169	27755559	427.399	342.217
38) L8 AR-1262-3	8.783	7.530	65810833	13092346	394.553	204.016 #
39) L8 AR-1262-4	8.843	7.593	23007357	45267570	315.571	398.480 #
40) L8 AR-1262-5	9.556	8.091	24306476	13801228	291.871	262.791
41) L9 AR-1268-1	8.783	7.530	65810833	13092346	214.086	70.659 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081623\
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Integration File signal 1: autoint1.e
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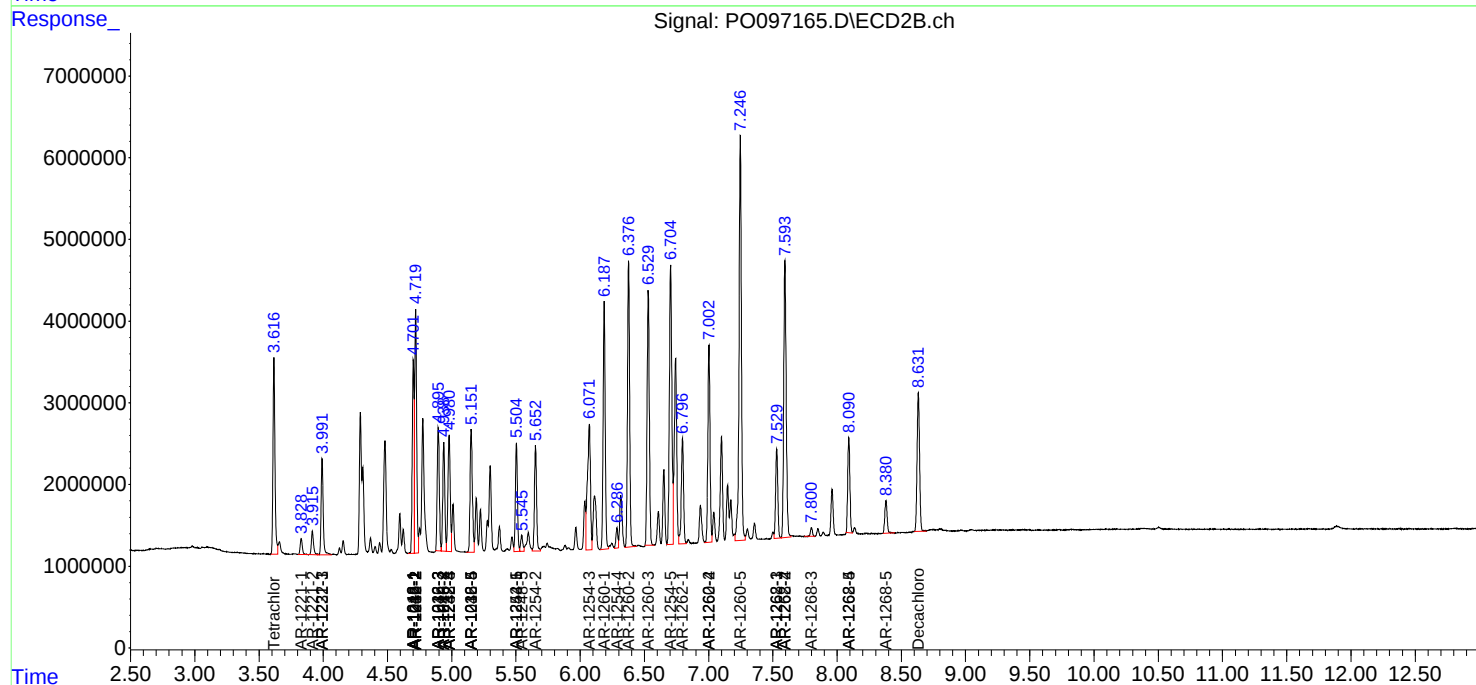
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

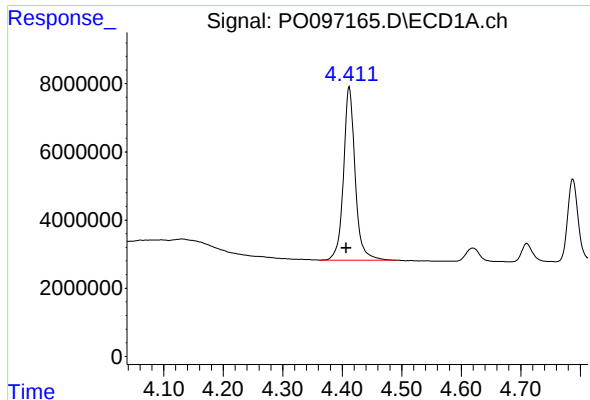
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.863	7.593	14671261	45267570	53.507	269.952 #
43) L9	AR-1268-3	9.104	7.800	2343980	1141215	9.178	7.899
44) L9	AR-1268-4	9.556	8.091	24306476	13801228	262.169	231.669
45) L9	AR-1268-5	9.994	8.380	8518012	4998600	10.545	12.018

(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

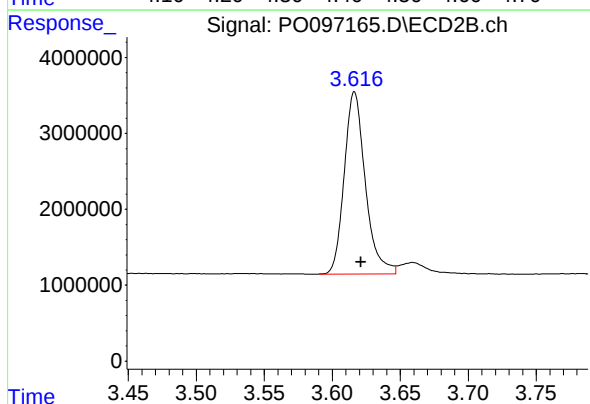




#1 Tetrachloro-m-xylene

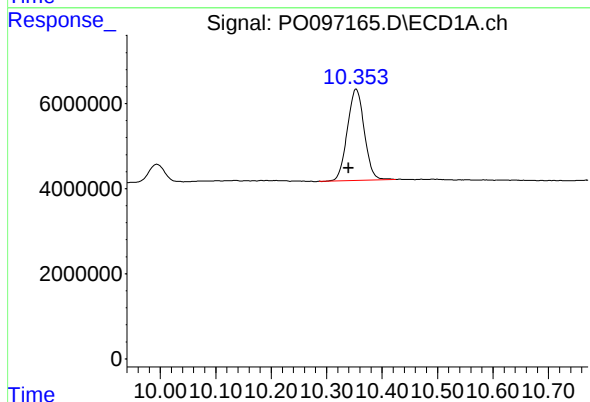
R.T.: 4.412 min
Delta R.T.: 0.005 min
Response: 69252187
Conc: 20.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



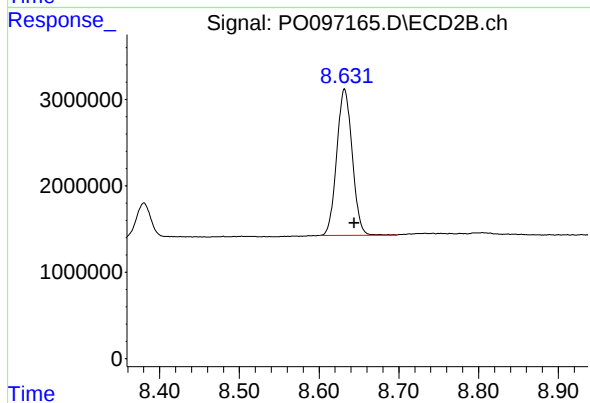
#1 Tetrachloro-m-xylene

R.T.: 3.616 min
Delta R.T.: -0.005 min
Response: 25956499
Conc: 19.61 ng/ml



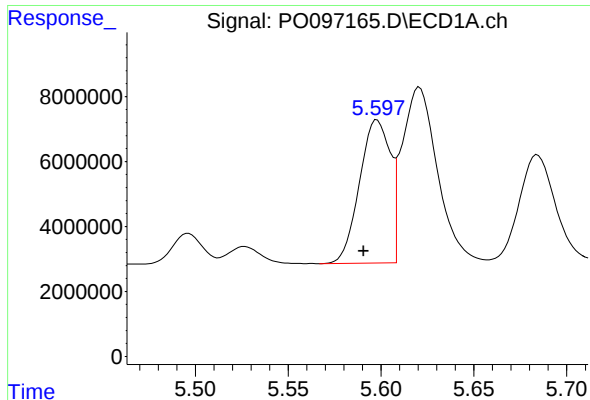
#2 Decachlorobiphenyl

R.T.: 10.353 min
Delta R.T.: 0.014 min
Response: 45423075
Conc: 20.76 ng/ml



#2 Decachlorobiphenyl

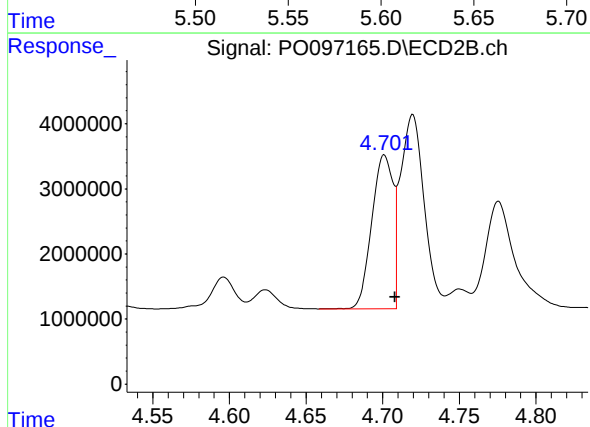
R.T.: 8.632 min
Delta R.T.: -0.012 min
Response: 22882951
Conc: 19.78 ng/ml



#3 AR-1016-1

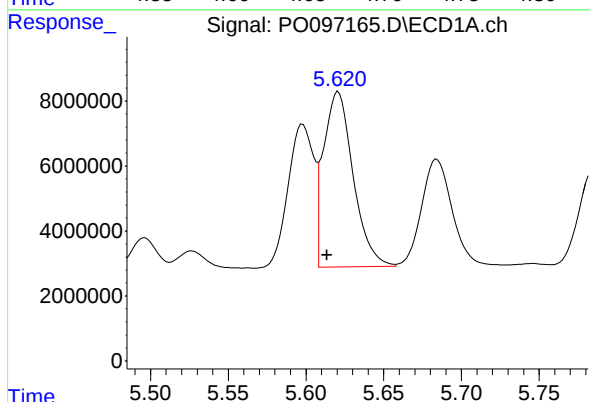
R.T.: 5.598 min
Delta R.T.: 0.007 min
Response: 50635871
Conc: 537.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



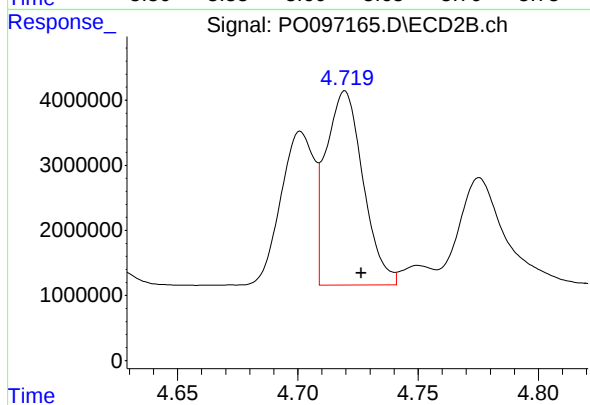
#3 AR-1016-1

R.T.: 4.701 min
Delta R.T.: -0.007 min
Response: 22710965
Conc: 512.25 ng/ml



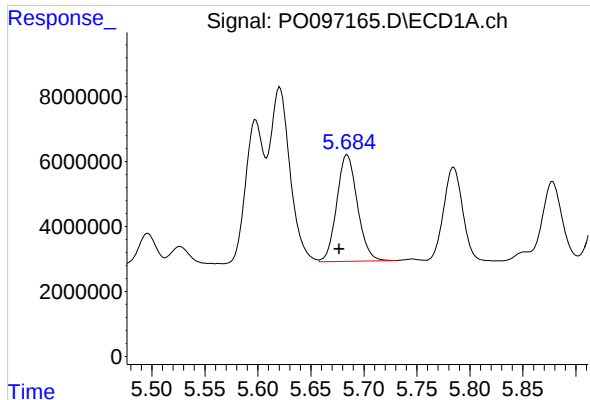
#4 AR-1016-2

R.T.: 5.621 min
Delta R.T.: 0.007 min
Response: 71647536
Conc: 535.58 ng/ml



#4 AR-1016-2

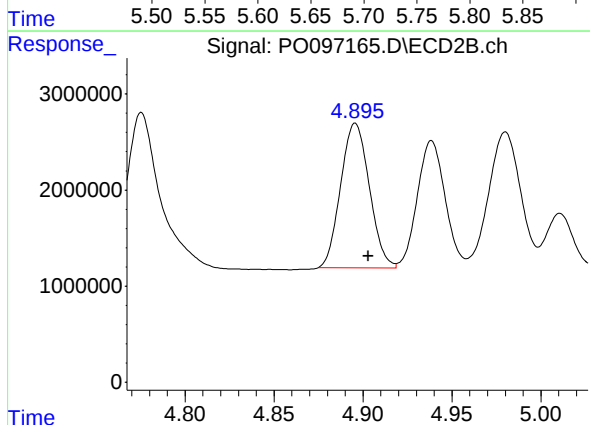
R.T.: 4.720 min
Delta R.T.: -0.007 min
Response: 32141072
Conc: 525.43 ng/ml



#5 AR-1016-3

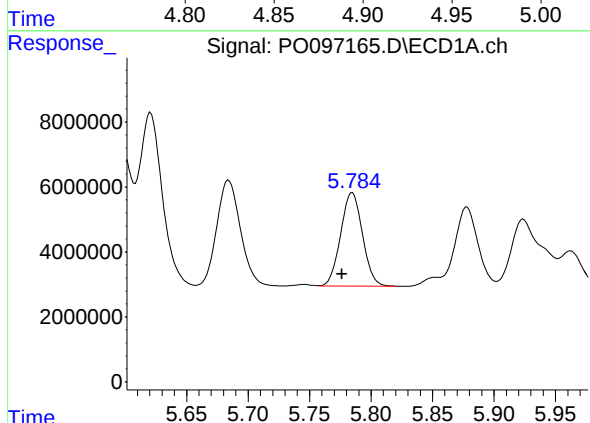
R.T.: 5.684 min
Delta R.T.: 0.007 min
Response: 44560110
Conc: 512.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



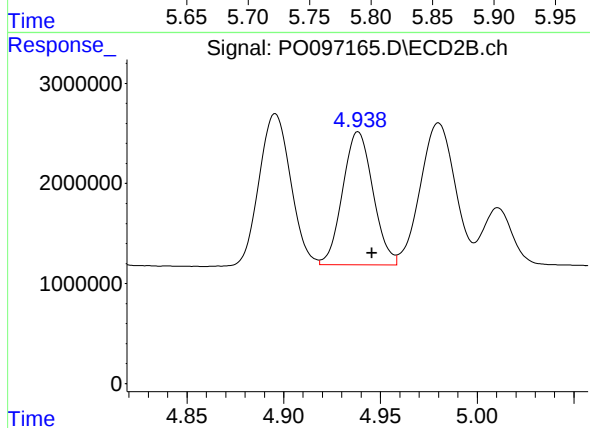
#5 AR-1016-3

R.T.: 4.896 min
Delta R.T.: -0.007 min
Response: 16904799
Conc: 517.47 ng/ml



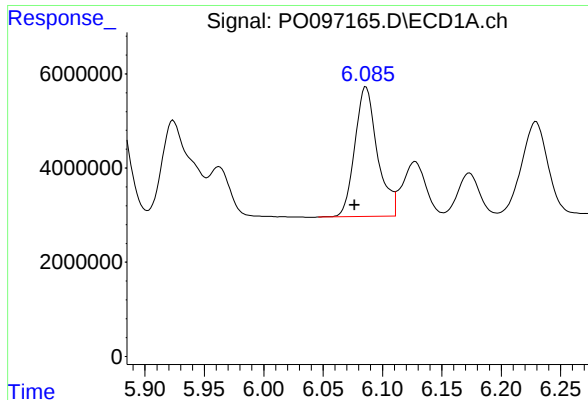
#6 AR-1016-4

R.T.: 5.785 min
Delta R.T.: 0.008 min
Response: 35461545
Conc: 527.93 ng/ml



#6 AR-1016-4

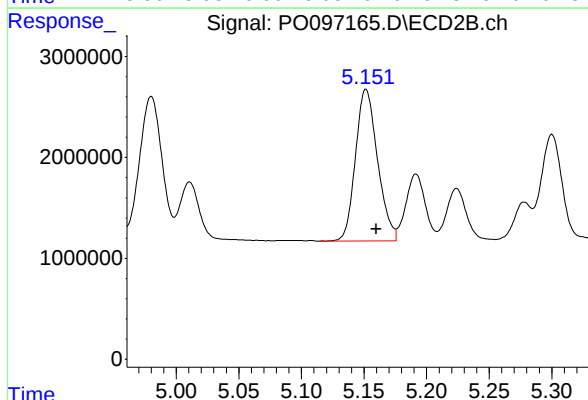
R.T.: 4.939 min
Delta R.T.: -0.007 min
Response: 14514992
Conc: 507.76 ng/ml



#7 AR-1016-5

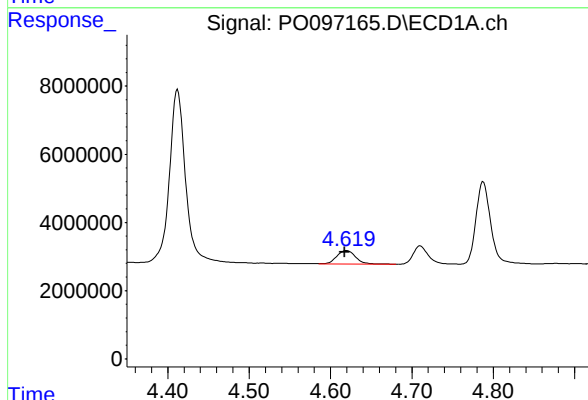
R.T.: 6.086 min
Delta R.T.: 0.010 min
Response: 36433283
Conc: 521.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



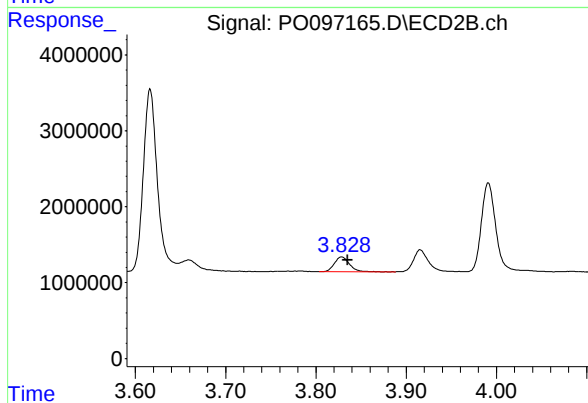
#7 AR-1016-5

R.T.: 5.152 min
Delta R.T.: -0.008 min
Response: 18482370
Conc: 480.73 ng/ml



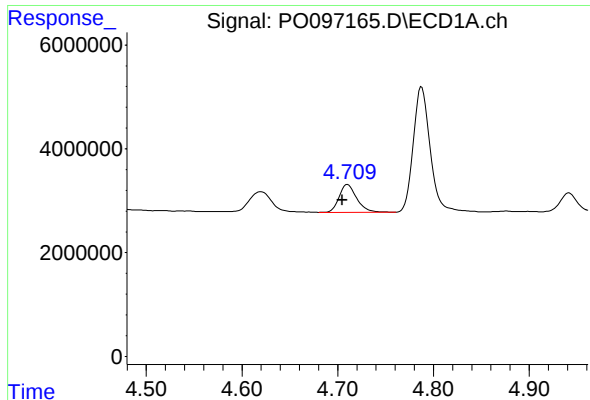
#8 AR-1221-1

R.T.: 4.620 min
Delta R.T.: 0.002 min
Response: 6312004
Conc: 154.88 ng/ml



#8 AR-1221-1

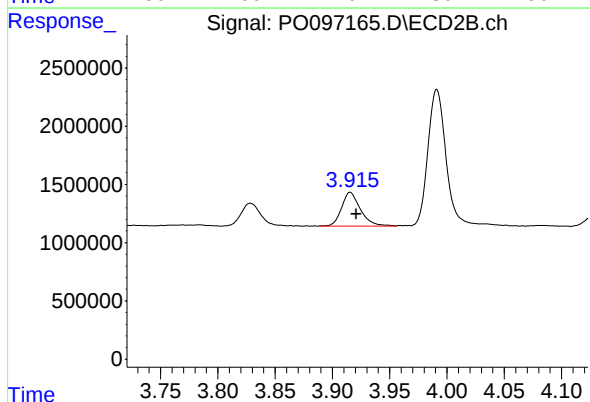
R.T.: 3.828 min
Delta R.T.: -0.006 min
Response: 2298232
Conc: 132.41 ng/ml



#9 AR-1221-2

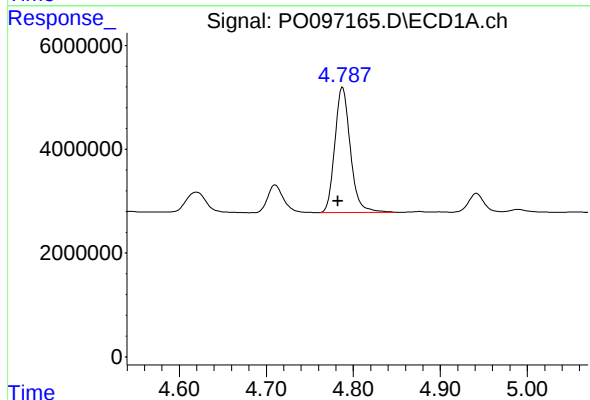
R.T.: 4.710 min
Delta R.T.: 0.005 min
Response: 6825301
Conc: 224.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



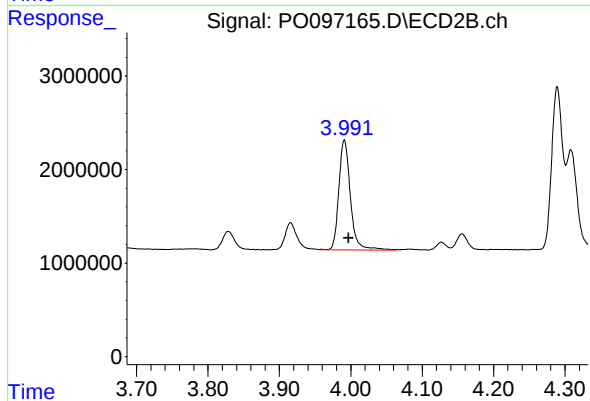
#9 AR-1221-2

R.T.: 3.916 min
Delta R.T.: -0.005 min
Response: 3335515
Conc: 258.15 ng/ml



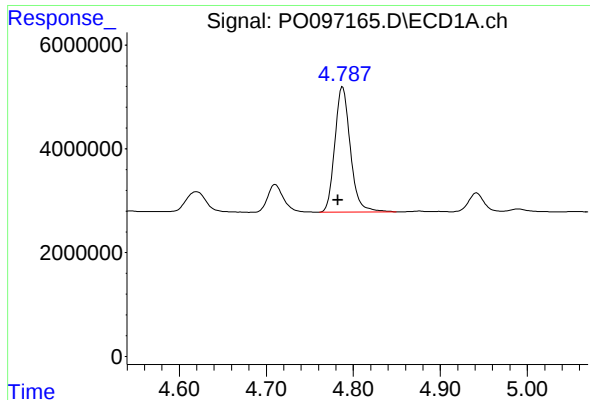
#10 AR-1221-3

R.T.: 4.788 min
Delta R.T.: 0.005 min
Response: 30012828
Conc: 342.88 ng/ml



#10 AR-1221-3

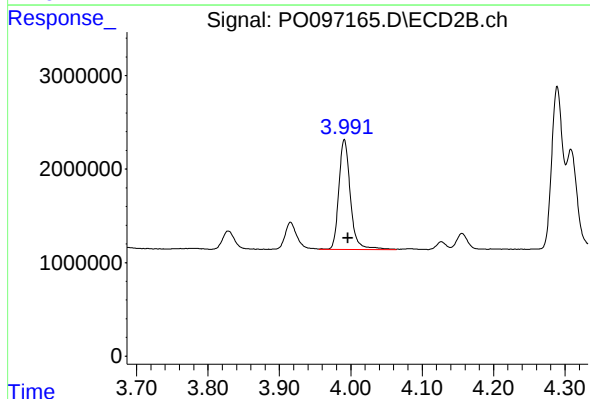
R.T.: 3.991 min
Delta R.T.: -0.006 min
Response: 13239765
Conc: 333.55 ng/ml



#11 AR-1232-1

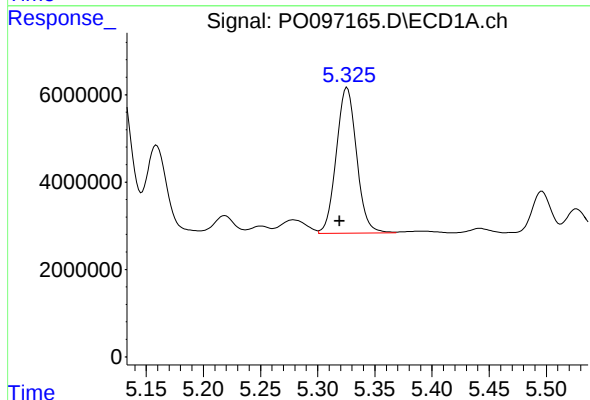
R.T.: 4.788 min
Delta R.T.: 0.005 min
Response: 30012828
Conc: 411.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



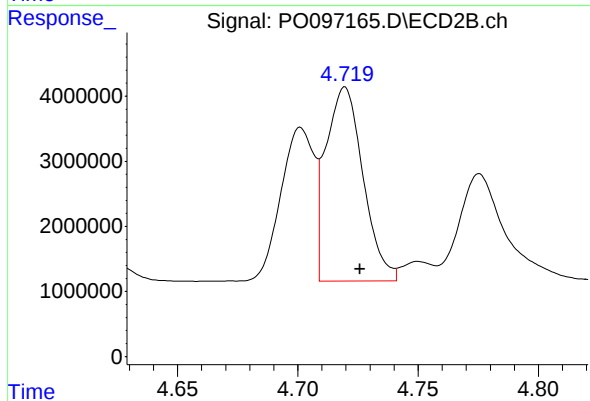
#11 AR-1232-1

R.T.: 3.991 min
Delta R.T.: -0.005 min
Response: 13239765
Conc: 409.30 ng/ml



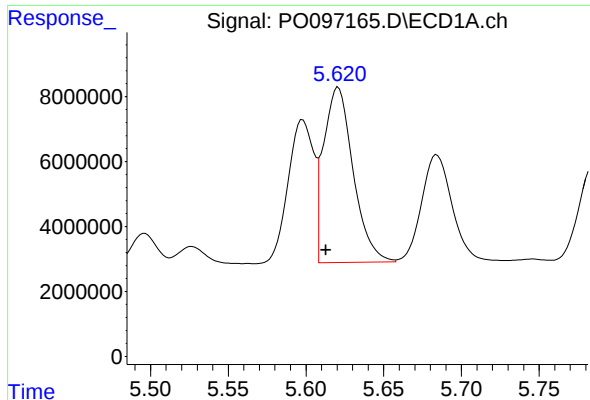
#12 AR-1232-2

R.T.: 5.326 min
Delta R.T.: 0.007 min
Response: 41059986
Conc: 1035.67 ng/ml



#12 AR-1232-2

R.T.: 4.720 min
Delta R.T.: -0.006 min
Response: 32141072
Conc: 1113.98 ng/ml



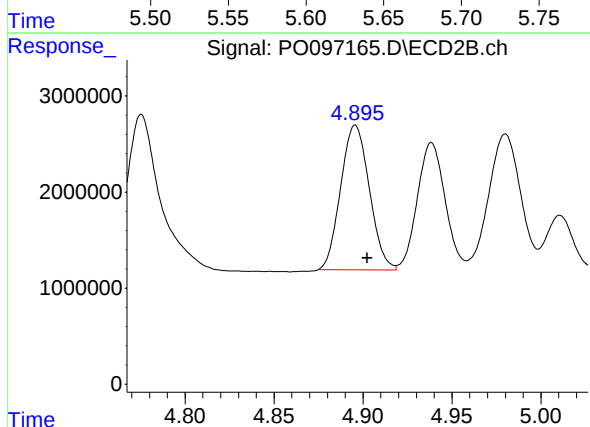
#13 AR-1232-3

R.T.: 5.621 min
Delta R.T.: 0.008 min
Response: 71647536
Conc: 1171.23 ng/ml

Instrument :

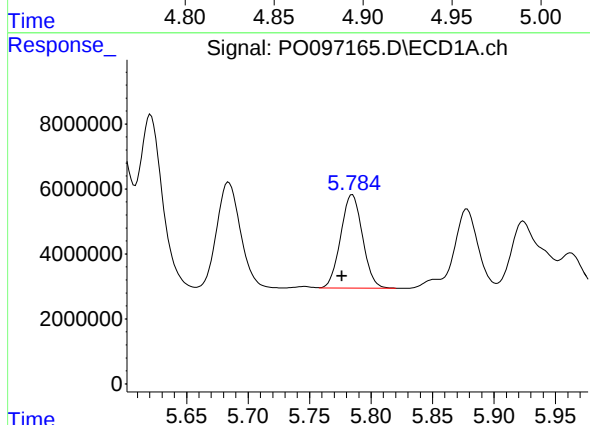
ECD_O

ClientSampleId :



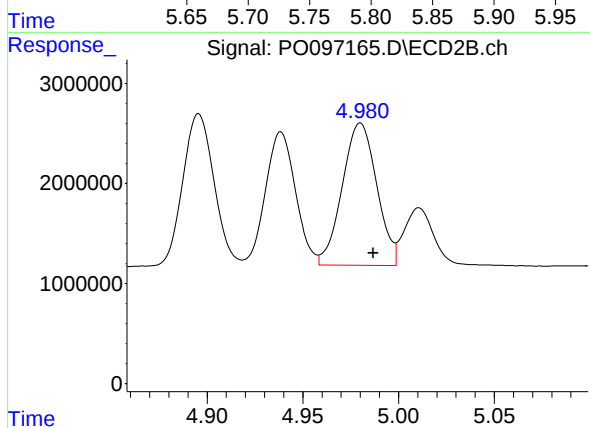
#13 AR-1232-3

R.T.: 4.896 min
Delta R.T.: -0.007 min
Response: 16904799
Conc: 1114.96 ng/ml



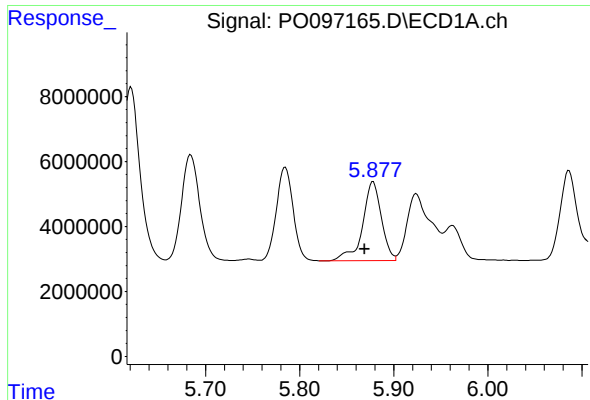
#14 AR-1232-4

R.T.: 5.785 min
Delta R.T.: 0.008 min
Response: 35461545
Conc: 1162.15 ng/ml



#14 AR-1232-4

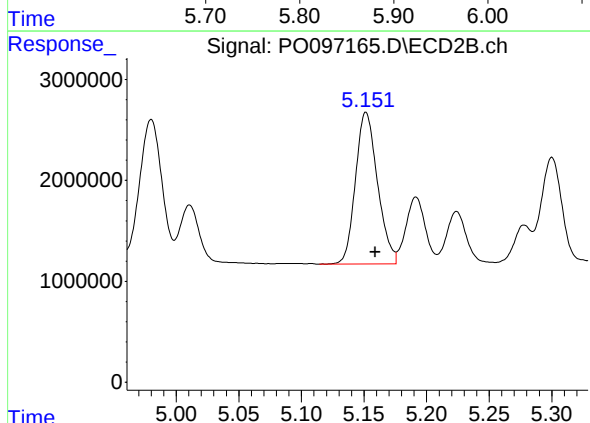
R.T.: 4.980 min
Delta R.T.: -0.007 min
Response: 17775671
Conc: 1189.43 ng/ml



#15 AR-1232-5

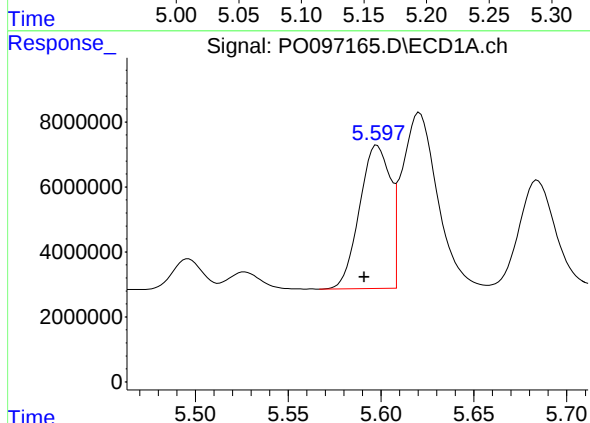
R.T.: 5.878 min
Delta R.T.: 0.009 min
Response: 33627223
Conc: 1201.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



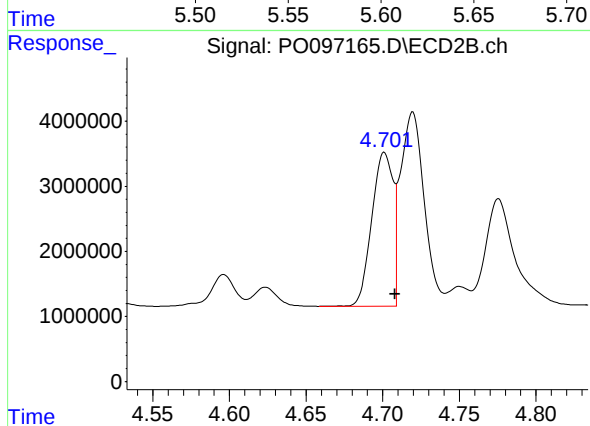
#15 AR-1232-5

R.T.: 5.152 min
Delta R.T.: -0.007 min
Response: 18482370
Conc: 1130.64 ng/ml



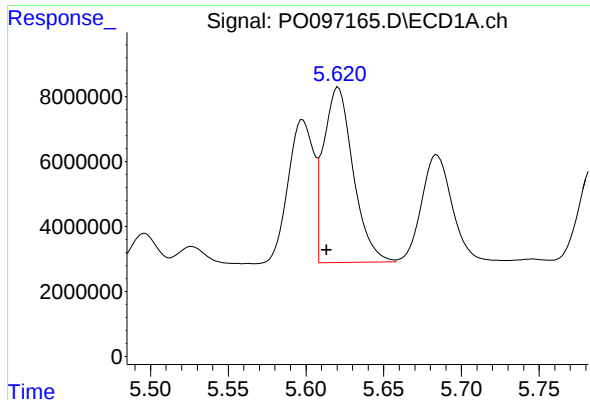
#16 AR-1242-1

R.T.: 5.598 min
Delta R.T.: 0.007 min
Response: 50635871
Conc: 604.12 ng/ml



#16 AR-1242-1

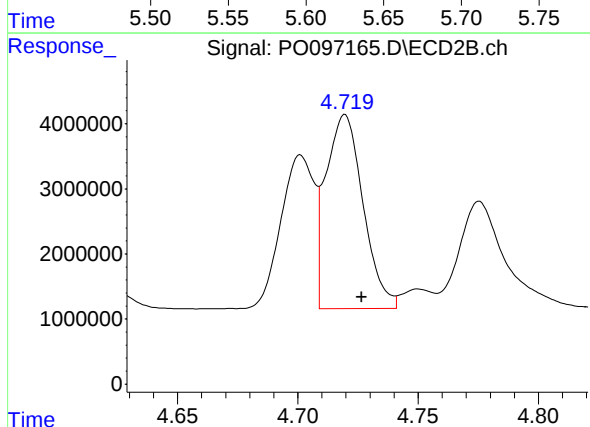
R.T.: 4.701 min
Delta R.T.: -0.007 min
Response: 22710965
Conc: 576.06 ng/ml



#17 AR-1242-2

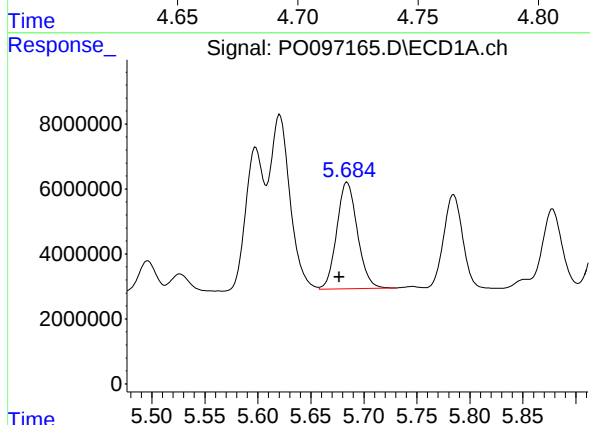
R.T.: 5.621 min
Delta R.T.: 0.007 min
Response: 71647536
Conc: 608.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



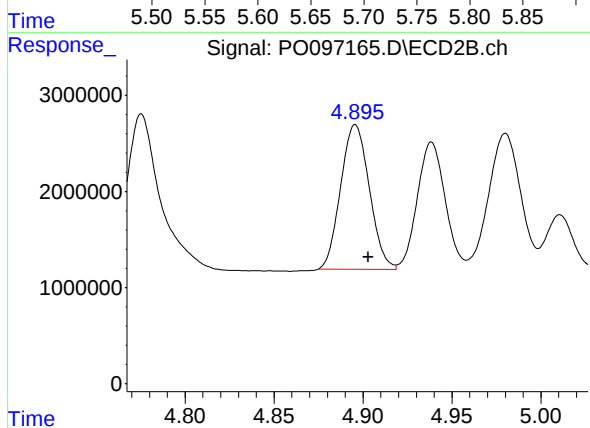
#17 AR-1242-2

R.T.: 4.720 min
Delta R.T.: -0.007 min
Response: 32141072
Conc: 589.84 ng/ml



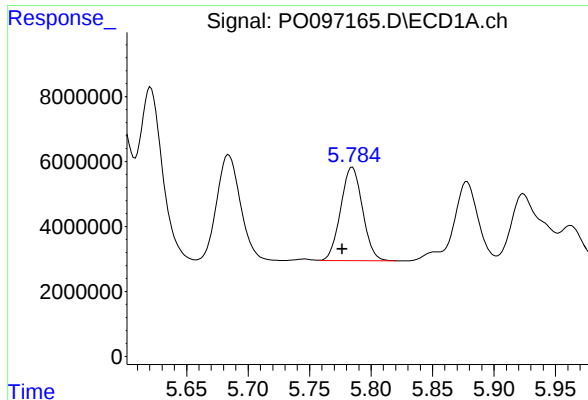
#18 AR-1242-3

R.T.: 5.684 min
Delta R.T.: 0.007 min
Response: 44560110
Conc: 603.20 ng/ml



#18 AR-1242-3

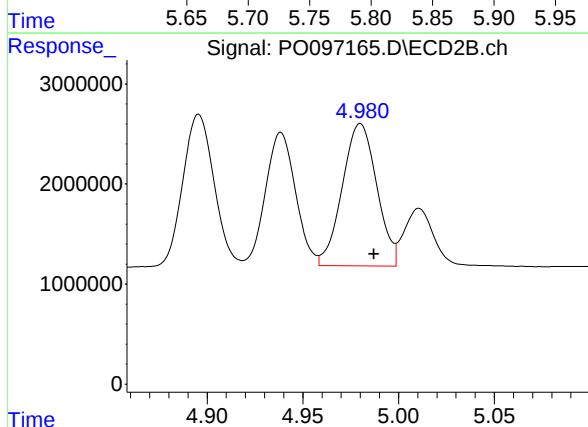
R.T.: 4.896 min
Delta R.T.: -0.007 min
Response: 16904799
Conc: 571.71 ng/ml



#19 AR-1242-4

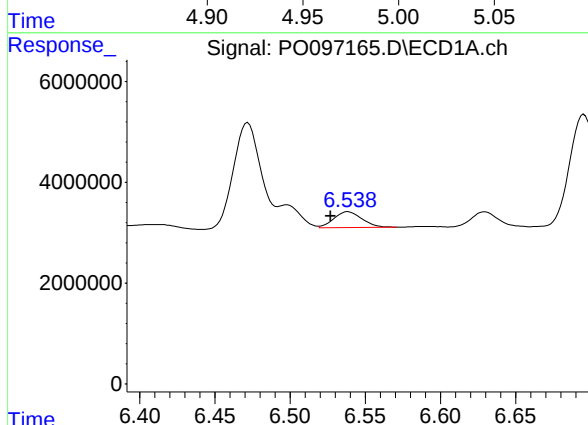
R.T.: 5.785 min
Delta R.T.: 0.008 min
Response: 35461545
Conc: 595.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



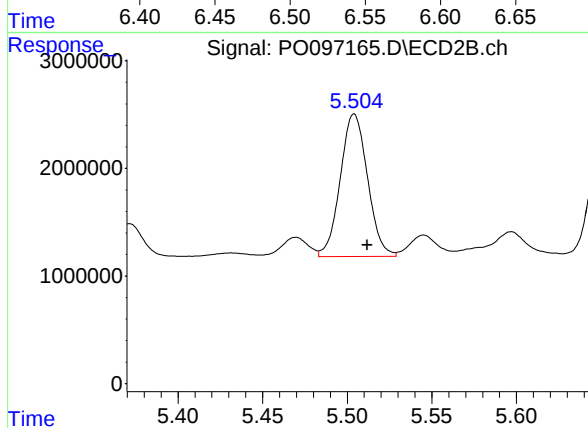
#19 AR-1242-4

R.T.: 4.980 min
Delta R.T.: -0.007 min
Response: 17775671
Conc: 564.06 ng/ml



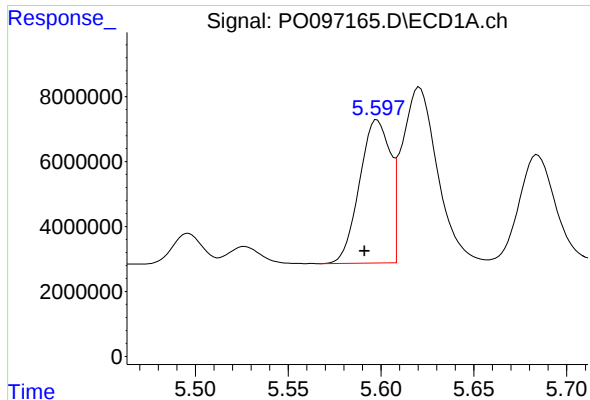
#20 AR-1242-5

R.T.: 6.539 min
Delta R.T.: 0.012 min
Response: 4102146
Conc: 74.56 ng/ml



#20 AR-1242-5

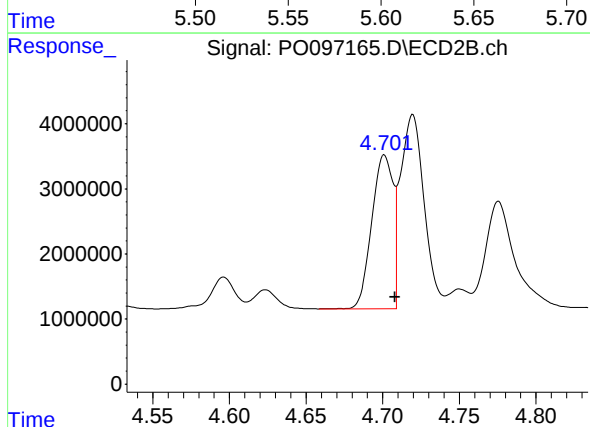
R.T.: 5.504 min
Delta R.T.: -0.008 min
Response: 14855378
Conc: 407.71 ng/ml



#21 AR-1248-1

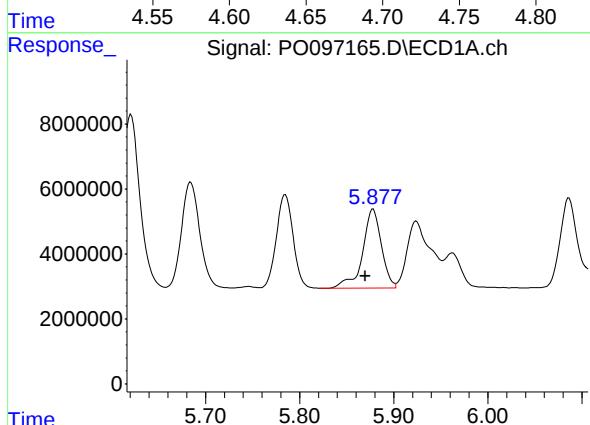
R.T.: 5.598 min
Delta R.T.: 0.007 min
Response: 50635871
Conc: 864.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



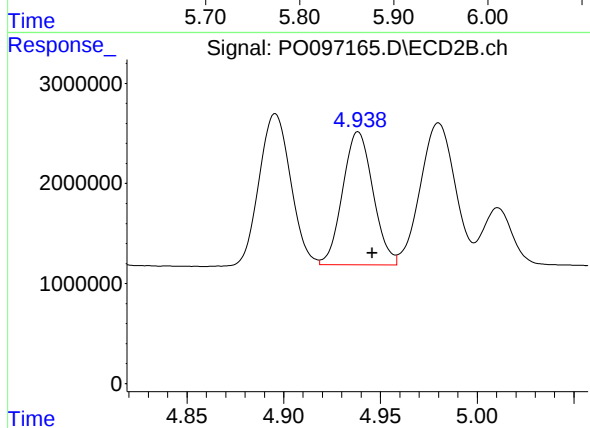
#21 AR-1248-1

R.T.: 4.701 min
Delta R.T.: -0.007 min
Response: 22710965
Conc: 809.30 ng/ml



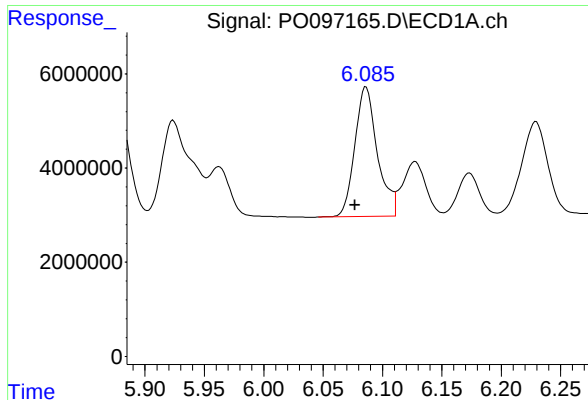
#22 AR-1248-2

R.T.: 5.878 min
Delta R.T.: 0.008 min
Response: 33627223
Conc: 357.67 ng/ml



#22 AR-1248-2

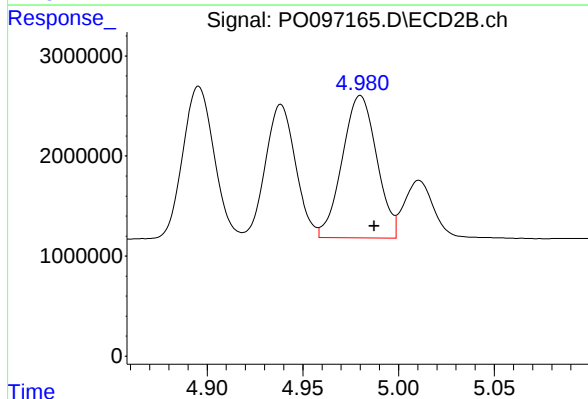
R.T.: 4.939 min
Delta R.T.: -0.007 min
Response: 14514992
Conc: 342.49 ng/ml



#23 AR-1248-3

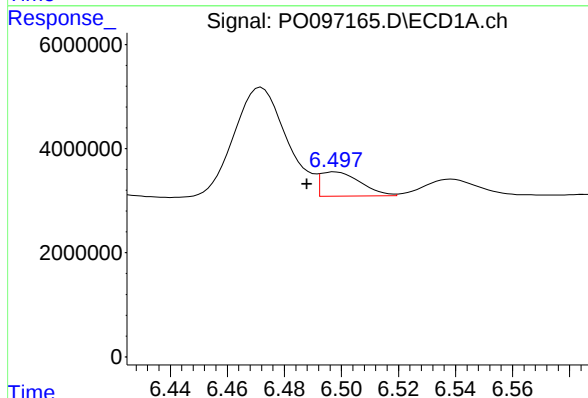
R.T.: 6.086 min
Delta R.T.: 0.009 min
Response: 36433283
Conc: 372.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



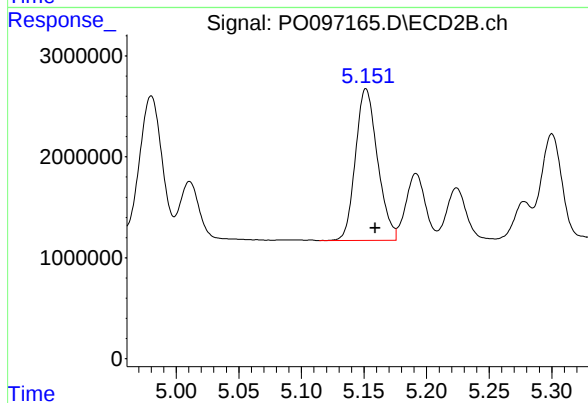
#23 AR-1248-3

R.T.: 4.980 min
Delta R.T.: -0.007 min
Response: 17775671
Conc: 405.24 ng/ml



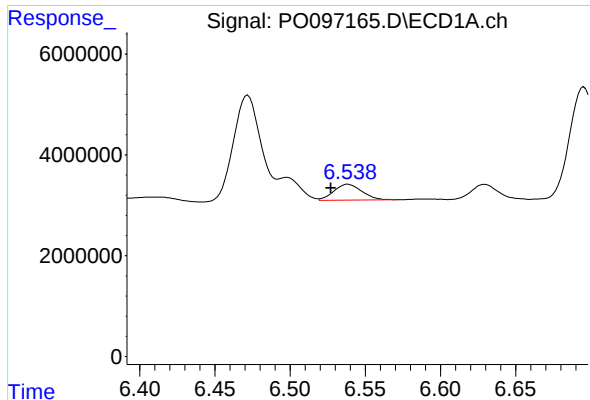
#24 AR-1248-4

R.T.: 6.498 min
Delta R.T.: 0.010 min
Response: 4541175
Conc: 49.99 ng/ml



#24 AR-1248-4

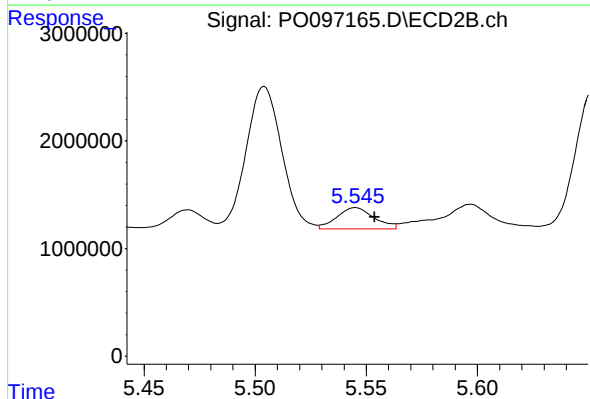
R.T.: 5.152 min
Delta R.T.: -0.007 min
Response: 18482370
Conc: 362.05 ng/ml



#25 AR-1248-5

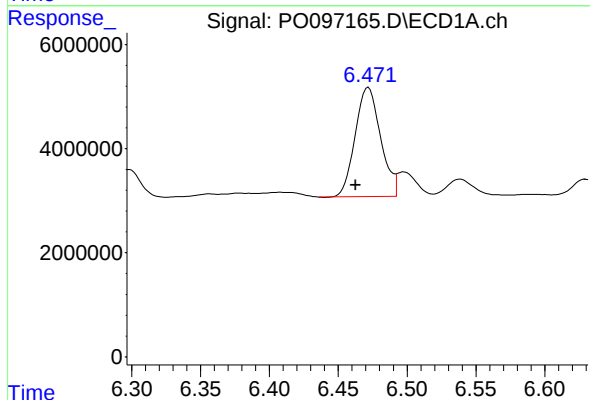
R.T.: 6.539 min
Delta R.T.: 0.011 min
Response: 4102146
Conc: 46.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



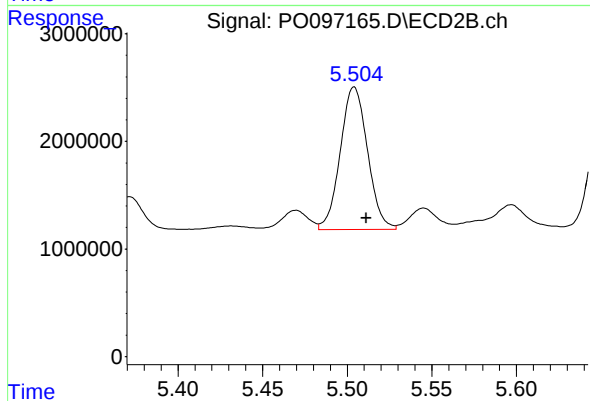
#25 AR-1248-5

R.T.: 5.545 min
Delta R.T.: -0.009 min
Response: 2315910
Conc: 49.54 ng/ml



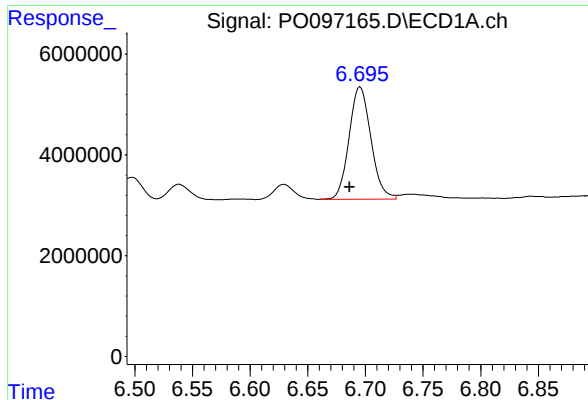
#26 AR-1254-1

R.T.: 6.472 min
Delta R.T.: 0.009 min
Response: 26973410
Conc: 246.80 ng/ml



#26 AR-1254-1

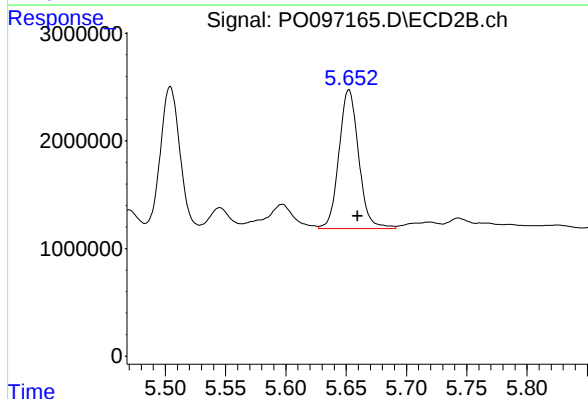
R.T.: 5.504 min
Delta R.T.: -0.007 min
Response: 14855378
Conc: 201.30 ng/ml



#27 AR-1254-2

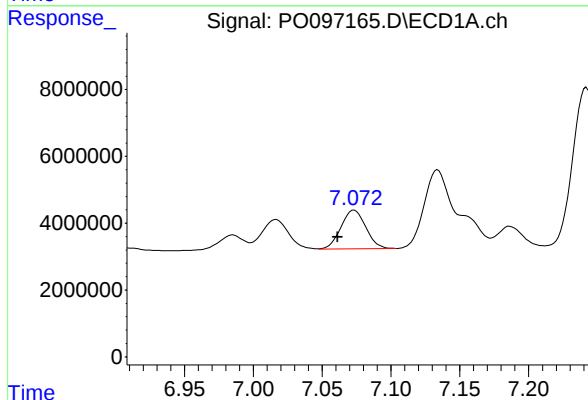
R.T.: 6.695 min
Delta R.T.: 0.009 min
Response: 29241496
Conc: 181.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



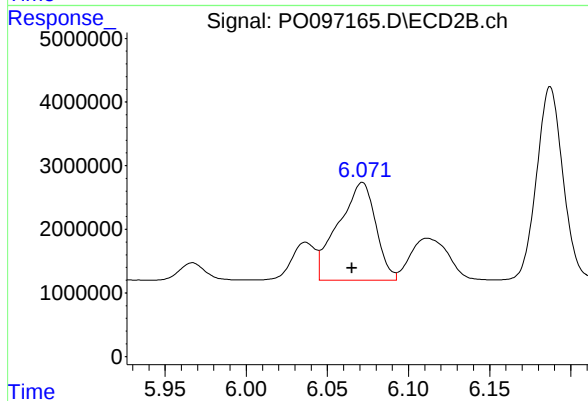
#27 AR-1254-2

R.T.: 5.652 min
Delta R.T.: -0.007 min
Response: 14657176
Conc: 222.48 ng/ml



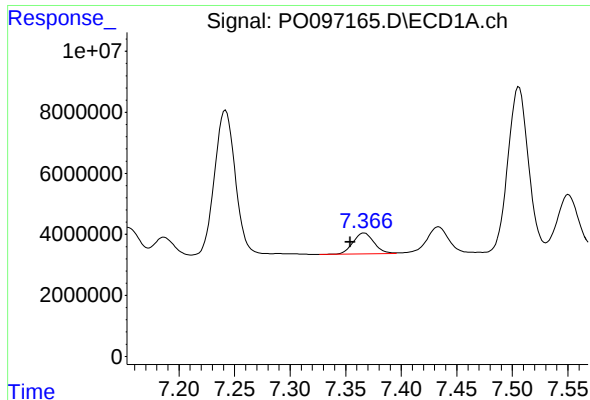
#28 AR-1254-3

R.T.: 7.073 min
Delta R.T.: 0.012 min
Response: 14437836
Conc: 92.14 ng/ml



#28 AR-1254-3

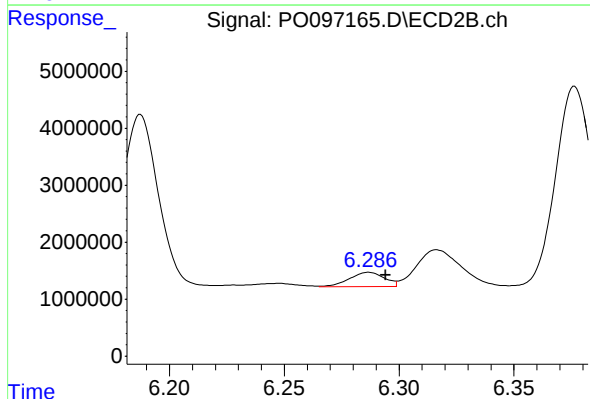
R.T.: 6.072 min
Delta R.T.: 0.006 min
Response: 24746206
Conc: 244.86 ng/ml



#29 AR-1254-4

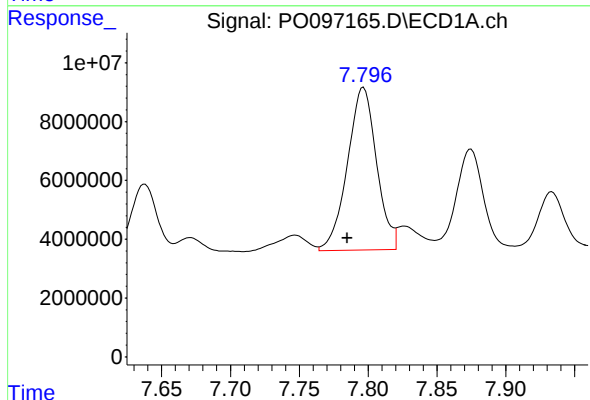
R.T.: 7.367 min
Delta R.T.: 0.012 min
Response: 8972486
Conc: 89.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



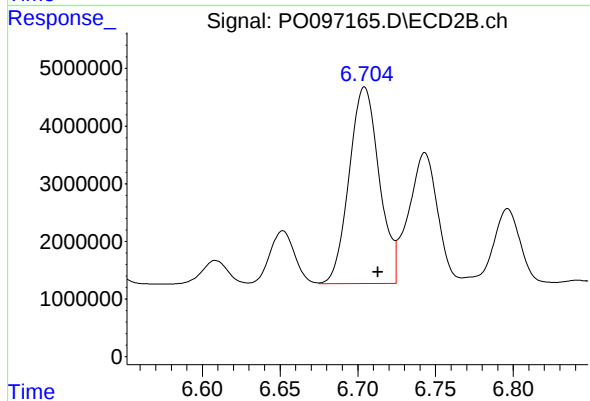
#29 AR-1254-4

R.T.: 6.287 min
Delta R.T.: -0.007 min
Response: 2627450
Conc: 45.40 ng/ml



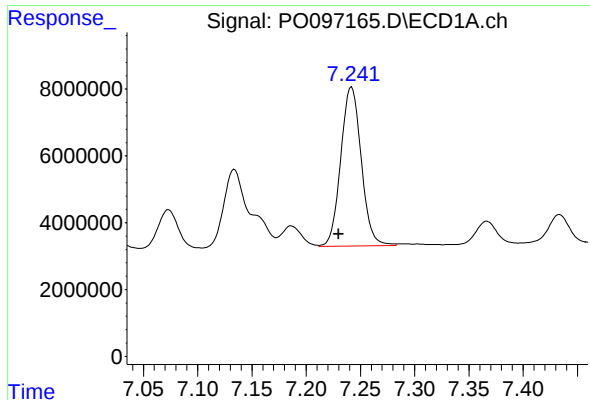
#30 AR-1254-5

R.T.: 7.797 min
Delta R.T.: 0.012 min
Response: 81538843
Conc: 726.63 ng/ml



#30 AR-1254-5

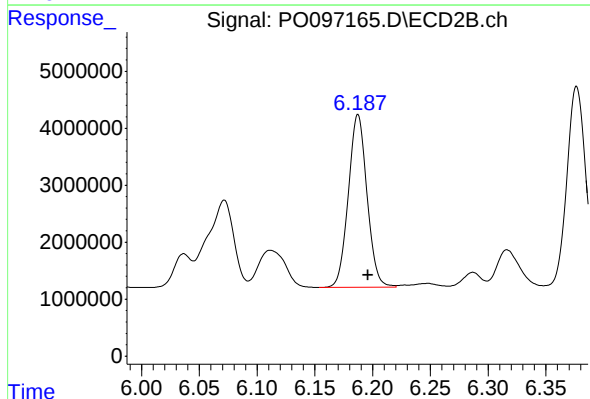
R.T.: 6.704 min
Delta R.T.: -0.009 min
Response: 45969291
Conc: 522.88 ng/ml



#31 AR-1260-1

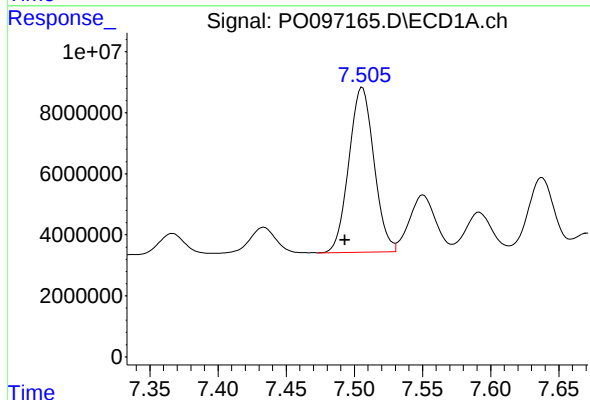
R.T.: 7.242 min
Delta R.T.: 0.012 min
Response: 62432820
Conc: 496.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



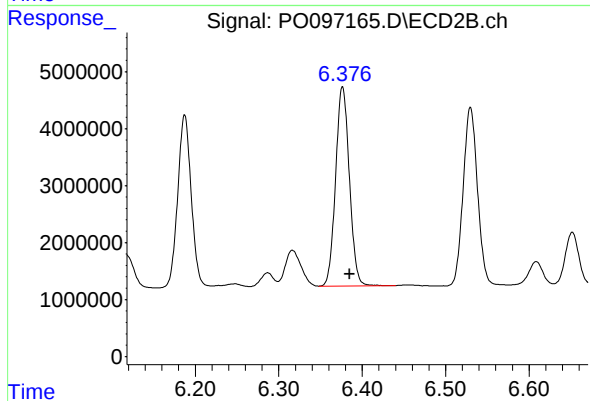
#31 AR-1260-1

R.T.: 6.187 min
Delta R.T.: -0.009 min
Response: 34212546
Conc: 486.19 ng/ml



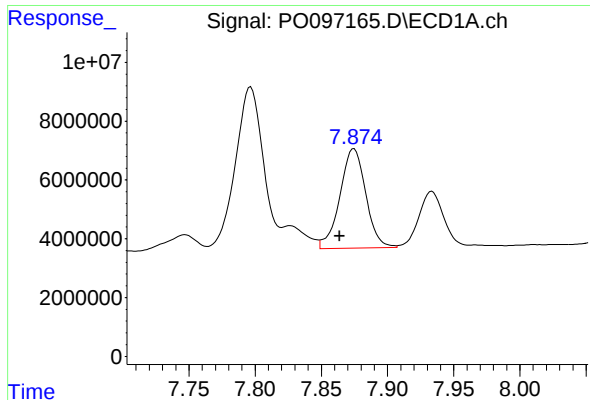
#32 AR-1260-2

R.T.: 7.506 min
Delta R.T.: 0.013 min
Response: 69170599
Conc: 513.38 ng/ml



#32 AR-1260-2

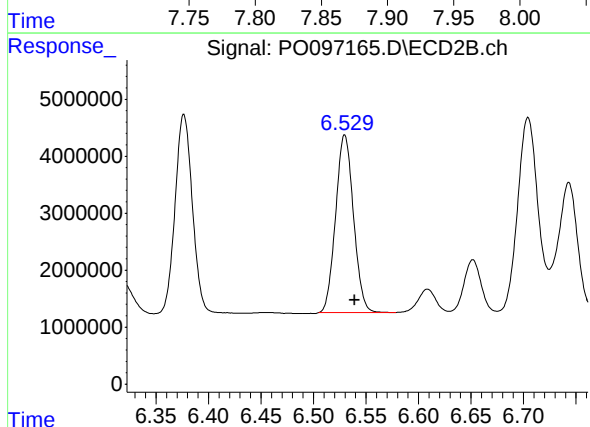
R.T.: 6.377 min
Delta R.T.: -0.009 min
Response: 40224337
Conc: 481.94 ng/ml



#33 AR-1260-3

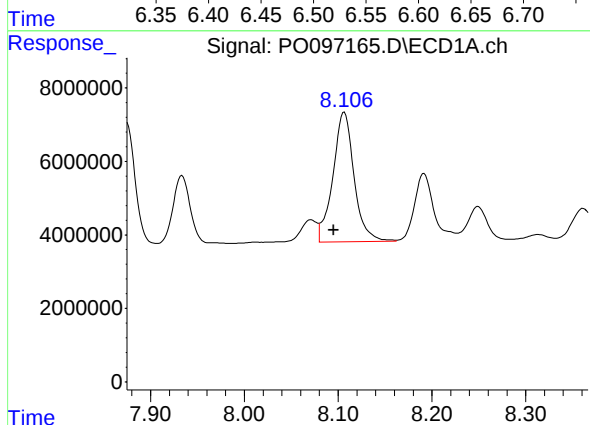
R.T.: 7.875 min
Delta R.T.: 0.011 min
Response: 45953157
Conc: 442.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



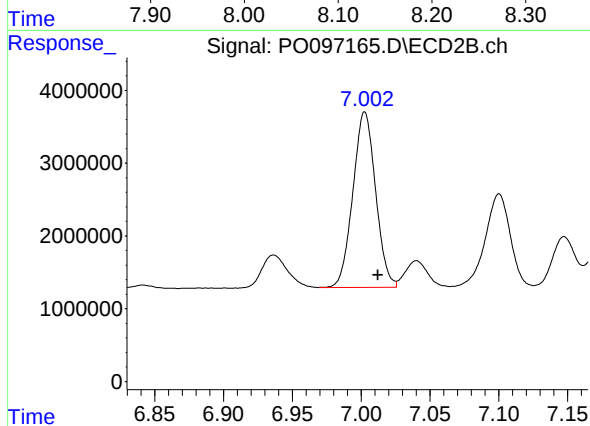
#33 AR-1260-3

R.T.: 6.530 min
Delta R.T.: -0.009 min
Response: 36903156
Conc: 477.90 ng/ml



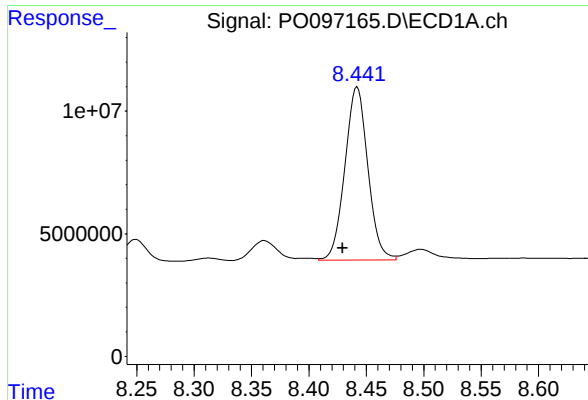
#34 AR-1260-4

R.T.: 8.107 min
Delta R.T.: 0.011 min
Response: 55492592
Conc: 496.34 ng/ml



#34 AR-1260-4

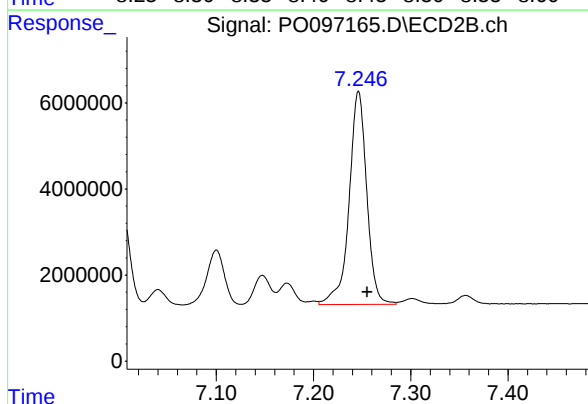
R.T.: 7.003 min
Delta R.T.: -0.010 min
Response: 27755559
Conc: 433.12 ng/ml



#35 AR-1260-5

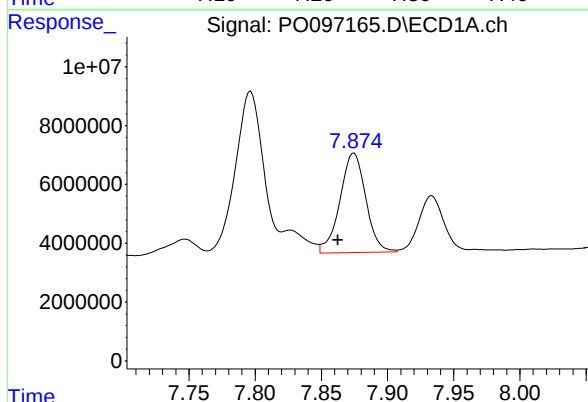
R.T.: 8.442 min
Delta R.T.: 0.013 min
Response: 98929169
Conc: 471.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



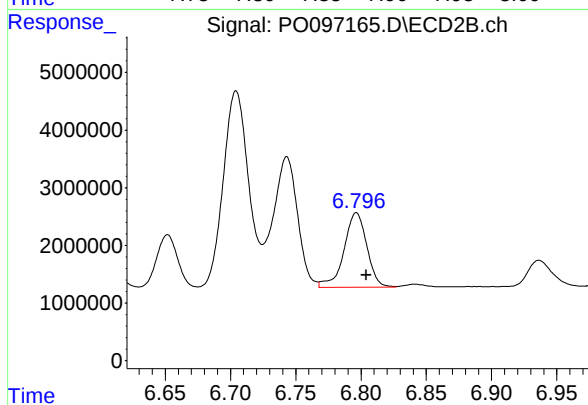
#35 AR-1260-5

R.T.: 7.246 min
Delta R.T.: -0.009 min
Response: 62374726
Conc: 449.92 ng/ml



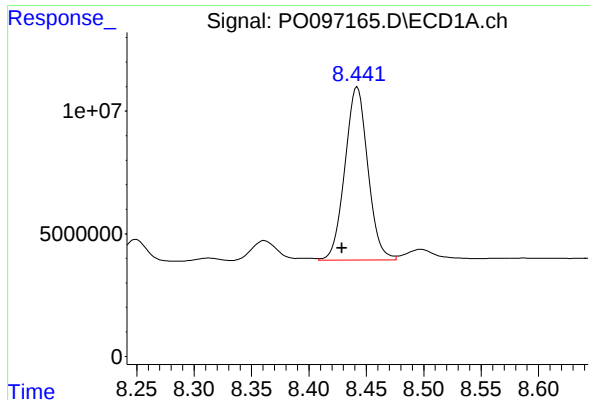
#36 AR-1262-1

R.T.: 7.875 min
Delta R.T.: 0.012 min
Response: 45953157
Conc: 309.39 ng/ml



#36 AR-1262-1

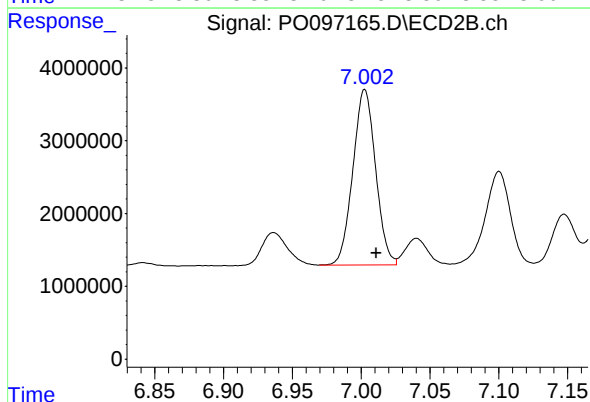
R.T.: 6.796 min
Delta R.T.: -0.008 min
Response: 15752530
Conc: 400.13 ng/ml



#37 AR-1262-2

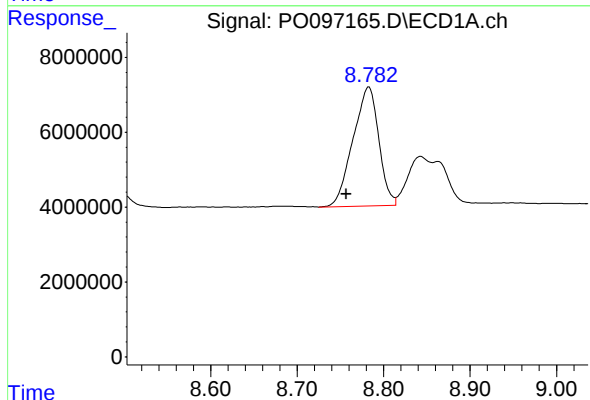
R.T.: 8.442 min
Delta R.T.: 0.013 min
Response: 98929169
Conc: 427.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



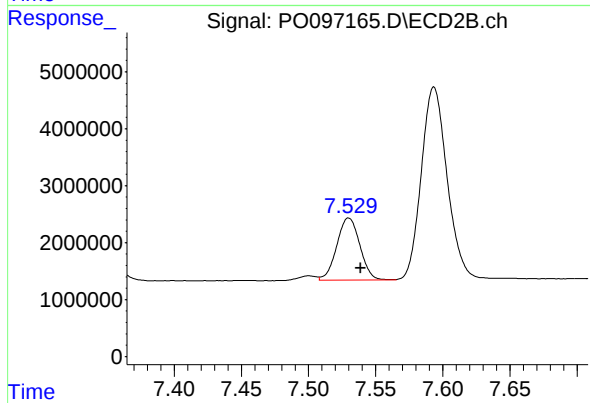
#37 AR-1262-2

R.T.: 7.003 min
Delta R.T.: -0.008 min
Response: 27755559
Conc: 342.22 ng/ml



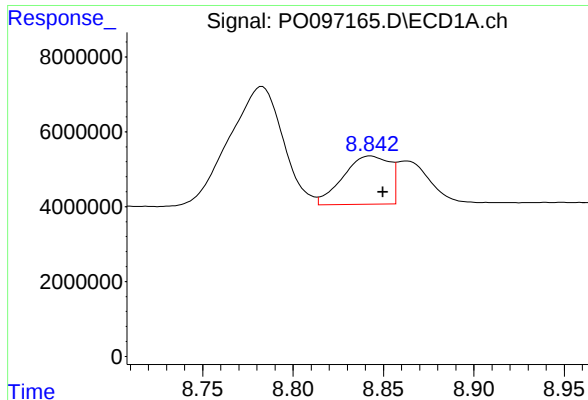
#38 AR-1262-3

R.T.: 8.783 min
Delta R.T.: 0.026 min
Response: 65810833
Conc: 394.55 ng/ml



#38 AR-1262-3

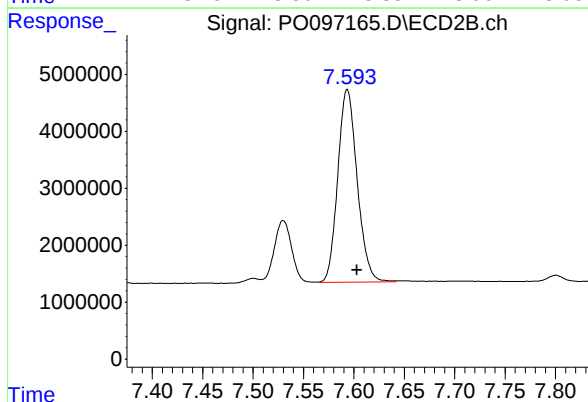
R.T.: 7.530 min
Delta R.T.: -0.009 min
Response: 13092346
Conc: 204.02 ng/ml



#39 AR-1262-4

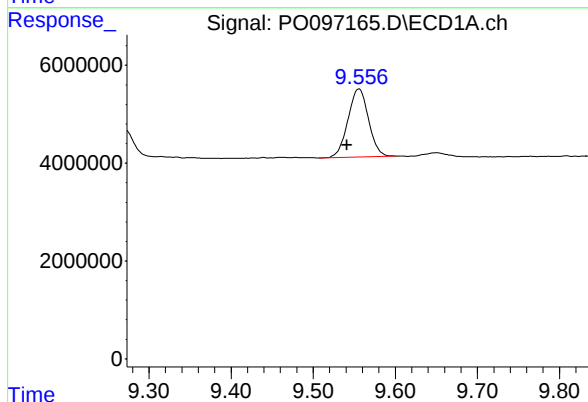
R.T.: 8.843 min
Delta R.T.: -0.007 min
Response: 23007357
Conc: 315.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



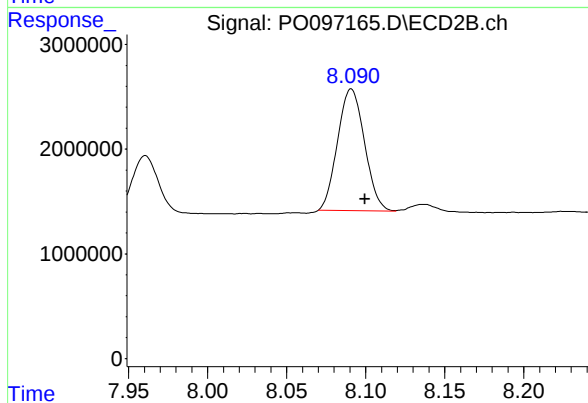
#39 AR-1262-4

R.T.: 7.593 min
Delta R.T.: -0.010 min
Response: 45267570
Conc: 398.48 ng/ml



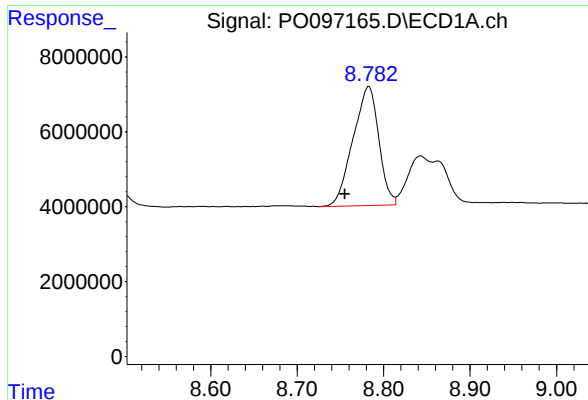
#40 AR-1262-5

R.T.: 9.556 min
Delta R.T.: 0.015 min
Response: 24306476
Conc: 291.87 ng/ml



#40 AR-1262-5

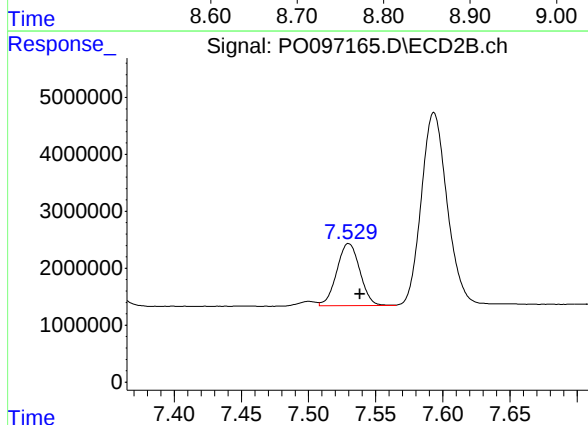
R.T.: 8.091 min
Delta R.T.: -0.008 min
Response: 13801228
Conc: 262.79 ng/ml



#41 AR-1268-1

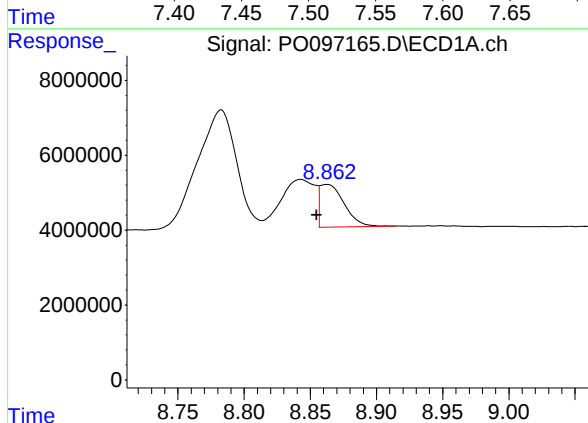
R.T.: 8.783 min
Delta R.T.: 0.027 min
Response: 65810833
Conc: 214.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



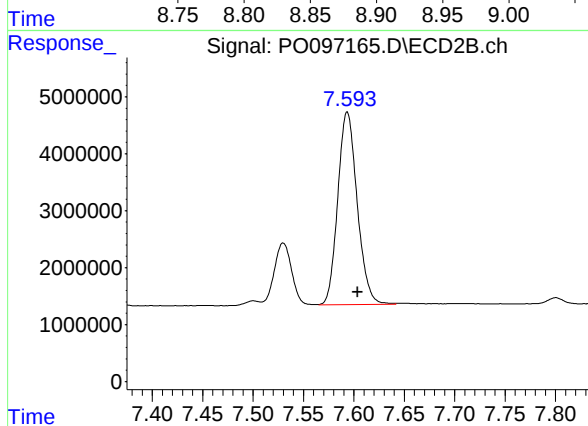
#41 AR-1268-1

R.T.: 7.530 min
Delta R.T.: -0.008 min
Response: 13092346
Conc: 70.66 ng/ml



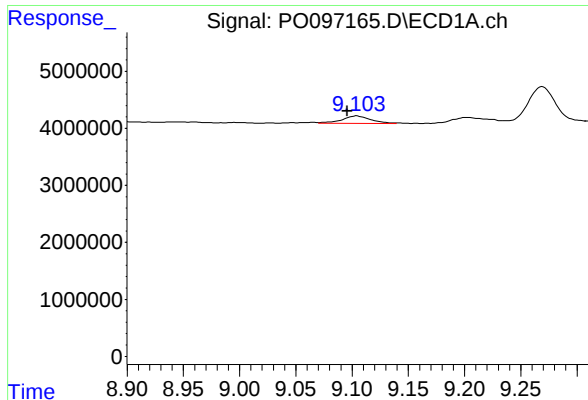
#42 AR-1268-2

R.T.: 8.863 min
Delta R.T.: 0.008 min
Response: 14671261
Conc: 53.51 ng/ml



#42 AR-1268-2

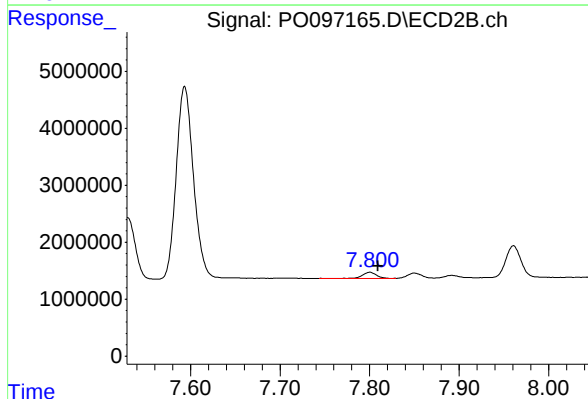
R.T.: 7.593 min
Delta R.T.: -0.010 min
Response: 45267570
Conc: 269.95 ng/ml



#43 AR-1268-3

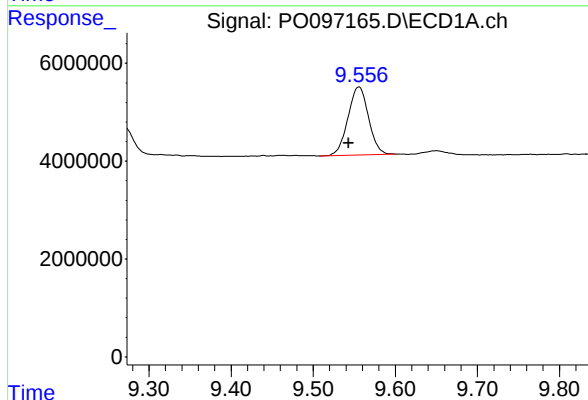
R.T.: 9.104 min
Delta R.T.: 0.009 min
Response: 2343980
Conc: 9.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



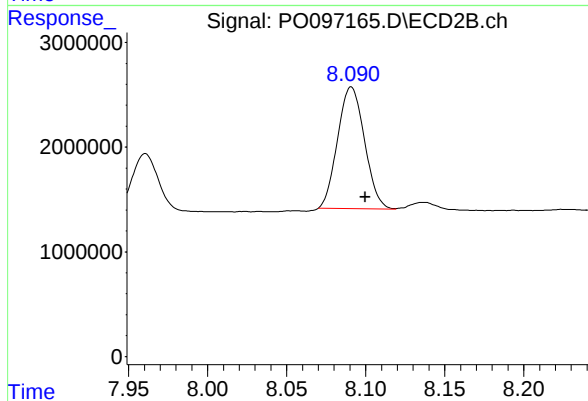
#43 AR-1268-3

R.T.: 7.800 min
Delta R.T.: -0.009 min
Response: 1141215
Conc: 7.90 ng/ml



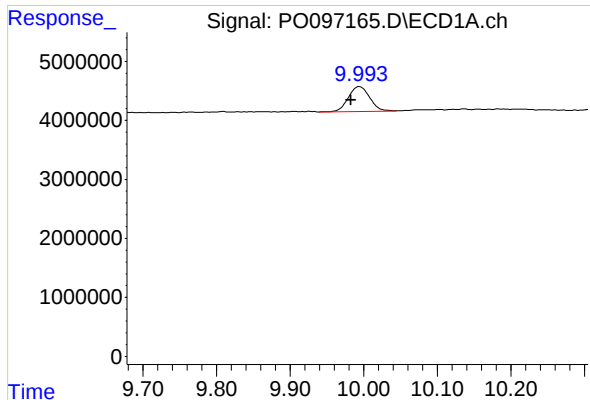
#44 AR-1268-4

R.T.: 9.556 min
Delta R.T.: 0.013 min
Response: 24306476
Conc: 262.17 ng/ml



#44 AR-1268-4

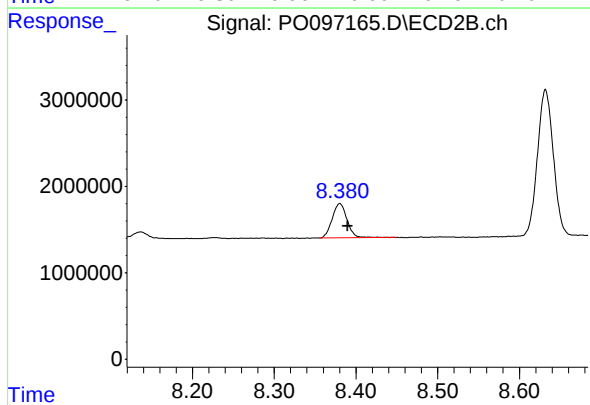
R.T.: 8.091 min
Delta R.T.: -0.009 min
Response: 13801228
Conc: 231.67 ng/ml



#45 AR-1268-5

R.T.: 9.994 min
Delta R.T.: 0.011 min
Response: 8518012
Conc: 10.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.380 min
Delta R.T.: -0.009 min
Response: 4998600
Conc: 12.02 ng/ml