

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081723\
 Data File : P0097225.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Aug 2023 00:05
 Operator : YP/AJ
 Sample : 04057-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 18 01:28:40 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	43987131	17922227	13.288	13.539
2) SA Decachlor...	10.350	8.628	15731764	7128672	7.189	6.162
Target Compounds						
3) L1 AR-1016-1	5.593	0.000	650301	0	6.905	N.D. #
4) L1 AR-1016-2	5.604	0.000	414800	0	3.101	N.D. #
5) L1 AR-1016-3	5.684	0.000	603568	0	6.936	N.D. #
6) L1 AR-1016-4	5.745	0.000	381396	0	5.678	N.D. #
7) L1 AR-1016-5	6.088	0.000	126215	0	1.808	N.D. #
8) L2 AR-1221-1	4.619	3.776f	7818528	202861	191.842	11.688 #
9) L2 AR-1221-2	4.719	3.906	591748	3347046	19.478	259.045 #
10) L2 AR-1221-3	4.780	3.986	40877	256296	0.467	6.457 #
11) L3 AR-1232-1	4.780	3.986	40877	256296	0.560	7.923 #
12) L3 AR-1232-2	5.322	0.000	409505	0	10.329	N.D. #
13) L3 AR-1232-3	5.604	0.000	414800	0	6.781	N.D. #
14) L3 AR-1232-4	5.745	0.000	381396	0	12.499	N.D. #
15) L3 AR-1232-5	5.882	0.000	226712	0	8.102	N.D. #
16) L4 AR-1242-1	5.593	0.000	650301	0	7.759	N.D. #
17) L4 AR-1242-2	5.604	0.000	414800	0	3.522	N.D. #
18) L4 AR-1242-3	5.684	0.000	603568	0	8.170	N.D. #
19) L4 AR-1242-4	5.745	0.000	381396	0	6.407	N.D. #
20) L4 AR-1242-5	6.488f	5.501	10304	815524	0.187	22.382 #
21) L5 AR-1248-1	5.593	0.000	650301	0	11.098	N.D. #
22) L5 AR-1248-2	5.882	0.000	226712	0	2.411	N.D. #
23) L5 AR-1248-3	6.088	0.000	126215	0	1.290	N.D. #
24) L5 AR-1248-4	6.488	0.000	10304	0	0.113	N.D. #
25) L5 AR-1248-5	6.488f	5.573	10304	1130439	0.117	24.180 #
26) L6 AR-1254-1	6.471	5.501	270144	815524	2.472	11.051 #
27) L6 AR-1254-2	6.694	5.650	1327641	929204	8.235	14.104 #
28) L6 AR-1254-3	7.072	6.054	2014299	2013540	12.855	19.924 #
29) L6 AR-1254-4	7.366	6.285	757131	676023	7.510	11.681 #
30) L6 AR-1254-5	7.795	6.703	3982876	1123332	35.493	12.777 #
31) L7 AR-1260-1	7.243	6.187	2262389	1104848	18.000	15.701
32) L7 AR-1260-2	7.505	6.375	3208528	1019812	23.814	12.219 #
33) L7 AR-1260-3	7.876	6.526	1146726	298960	11.050	3.872 #
34) L7 AR-1260-4	8.086	7.000	10395050	833071	92.976	13.000 #
35) L7 AR-1260-5	8.435	7.243	1258869	535533	5.995	3.863 #
36) L8 AR-1262-1	7.876	6.793	1146726	303399	7.721	7.707
37) L8 AR-1262-2	8.435	7.000	1258869	833071	5.439	10.272 #
38) L8 AR-1262-3	8.772	7.529	893029	714059	5.354	11.127 #
39) L8 AR-1262-4	8.864	7.592	1235080	1288937	16.940	11.346 #
40) L8 AR-1262-5	9.535	8.095	204297	193460	2.453	3.684 #
41) L9 AR-1268-1	8.772	7.529	893029	714059	2.905	3.854 #

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Integration File signal 1: autoint1.e
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 Response via : Initial Calibration
 Integrator: ChemStation

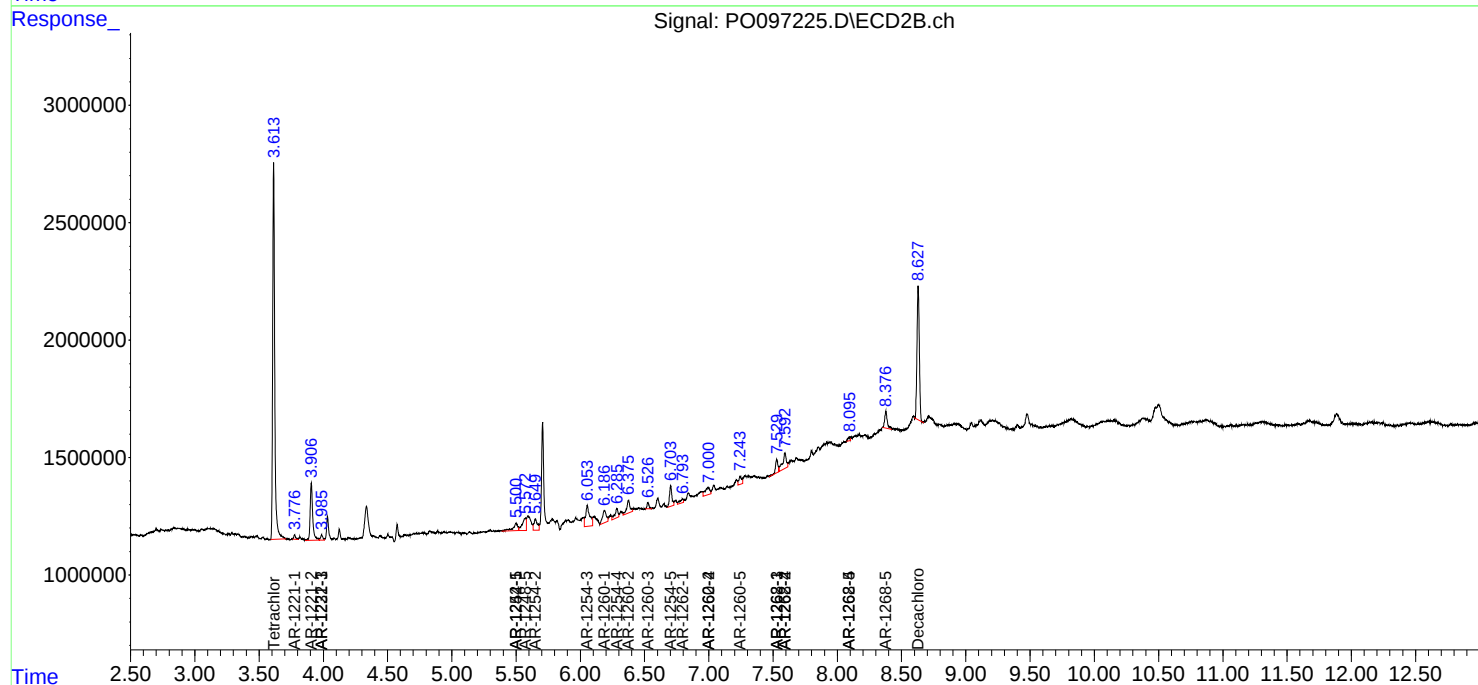
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

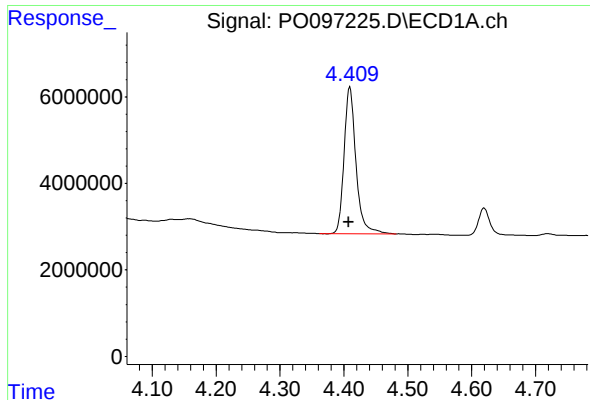
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.864	7.592	1235080	1288937	4.504	7.687 #
43) L9	AR-1268-3	9.104	7.800	994639	-122350	3.895	N.D. #
44) L9	AR-1268-4	9.551	8.095	389154	193460	4.197	3.247
45) L9	AR-1268-5	9.988	8.377	2238175	997948	2.771	2.399

(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

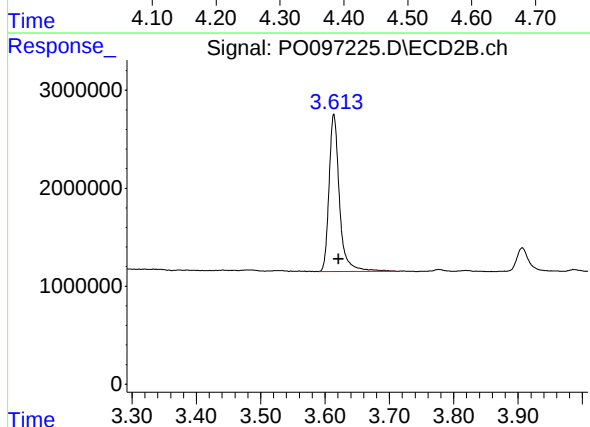




#1 Tetrachloro-m-xylene

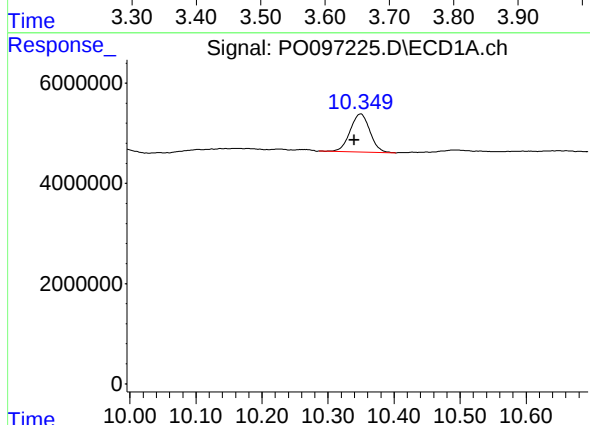
R.T.: 4.409 min
Delta R.T.: 0.002 min
Response: 43987131
Conc: 13.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



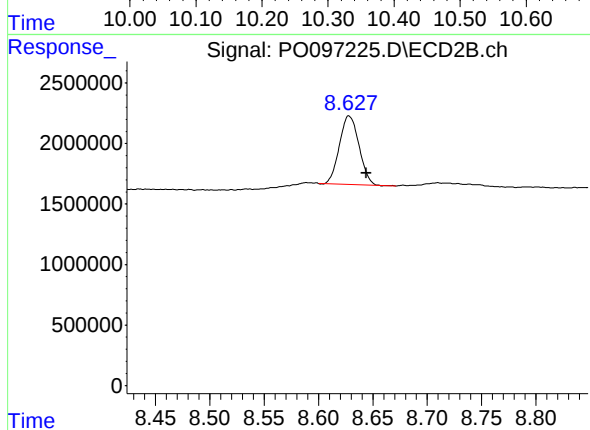
#1 Tetrachloro-m-xylene

R.T.: 3.614 min
Delta R.T.: -0.007 min
Response: 17922227
Conc: 13.54 ng/ml



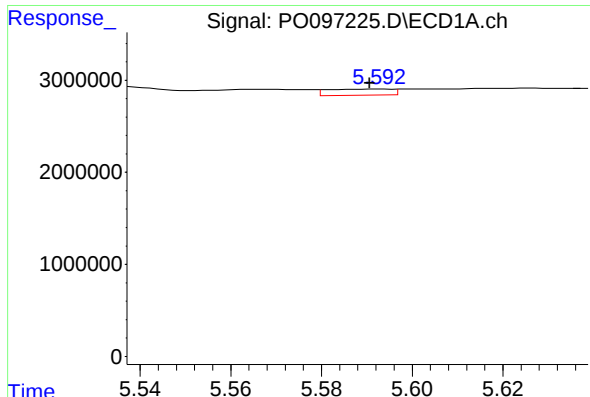
#2 Decachlorobiphenyl

R.T.: 10.350 min
Delta R.T.: 0.010 min
Response: 15731764
Conc: 7.19 ng/ml



#2 Decachlorobiphenyl

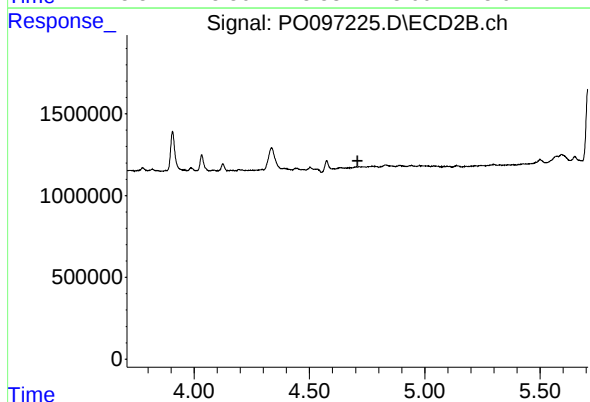
R.T.: 8.628 min
Delta R.T.: -0.016 min
Response: 7128672
Conc: 6.16 ng/ml



#3 AR-1016-1

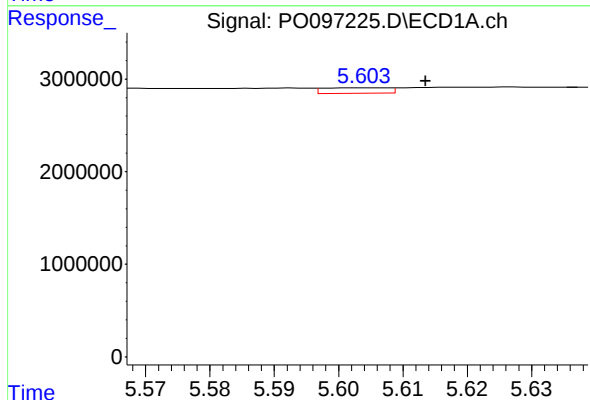
R.T.: 5.593 min
Delta R.T.: 0.002 min
Response: 650301
Conc: 6.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



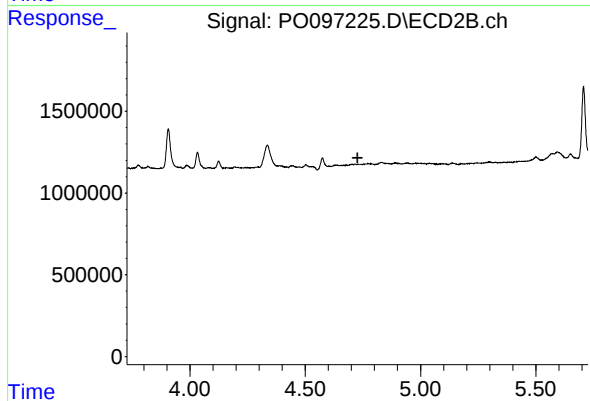
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.708 min
Response: 0
Conc: N.D.



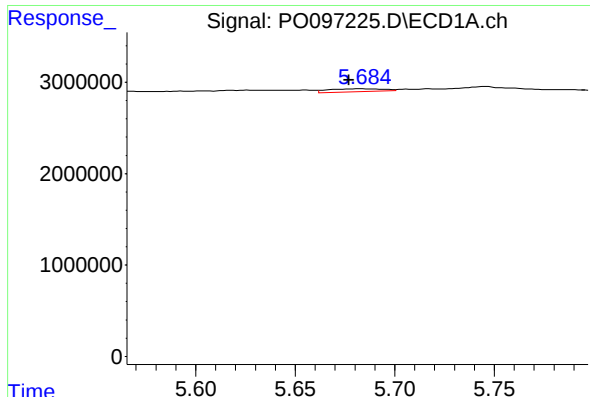
#4 AR-1016-2

R.T.: 5.604 min
Delta R.T.: -0.010 min
Response: 414800
Conc: 3.10 ng/ml



#4 AR-1016-2

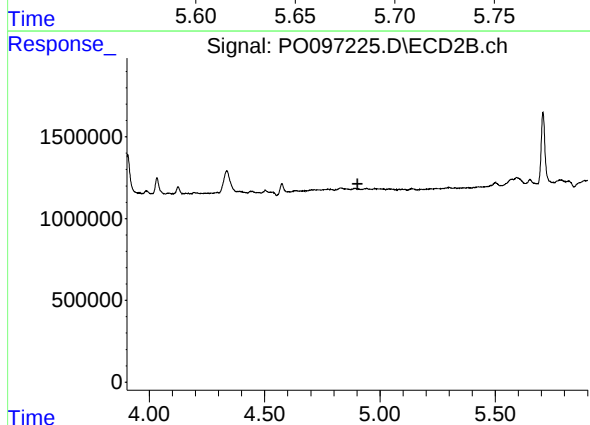
R.T.: 0.000 min
Exp R.T. : 4.726 min
Response: 0
Conc: N.D.



#5 AR-1016-3

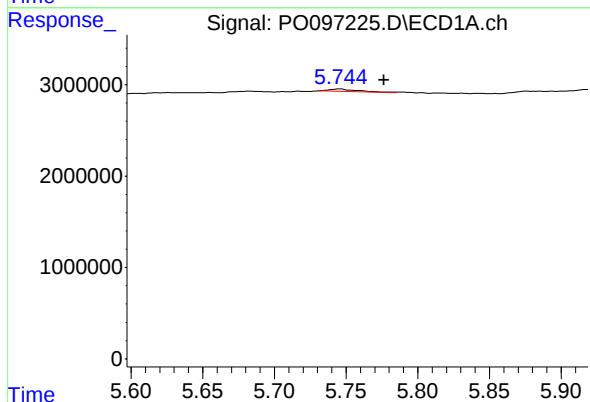
R.T.: 5.684 min
Delta R.T.: 0.007 min
Response: 603568
Conc: 6.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



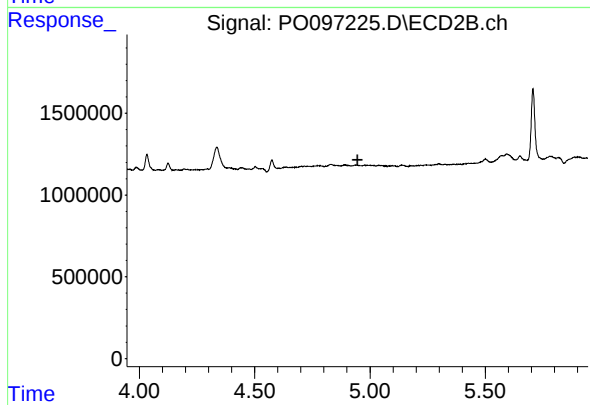
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.903 min
Response: 0
Conc: N.D.



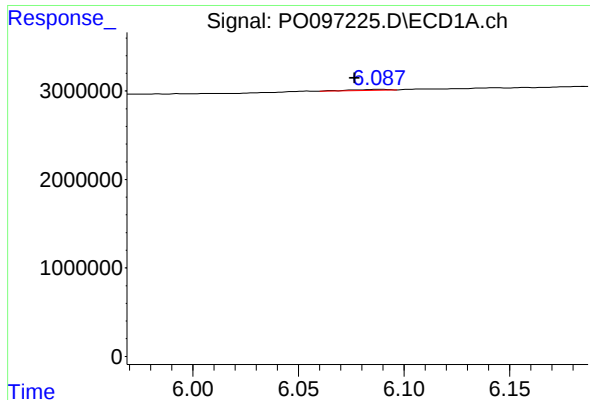
#6 AR-1016-4

R.T.: 5.745 min
Delta R.T.: -0.031 min
Response: 381396
Conc: 5.68 ng/ml



#6 AR-1016-4

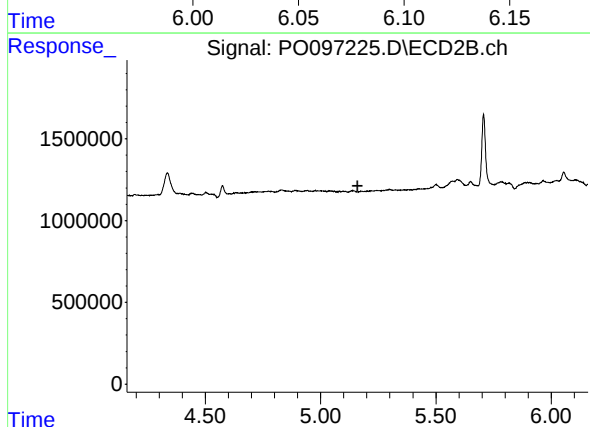
R.T.: 0.000 min
Exp R.T. : 4.946 min
Response: 0
Conc: N.D.



#7 AR-1016-5

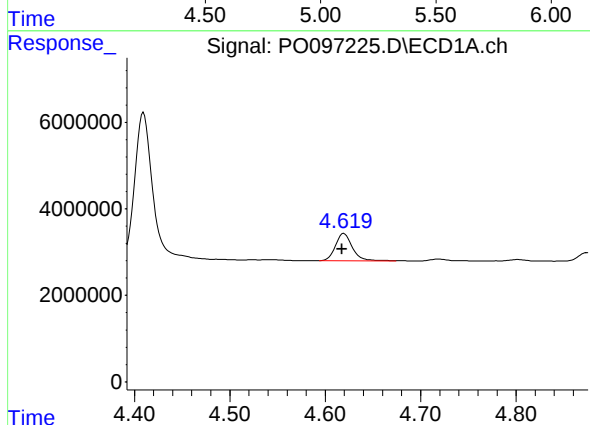
R.T.: 6.088 min
Delta R.T.: 0.011 min
Response: 126215
Conc: 1.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



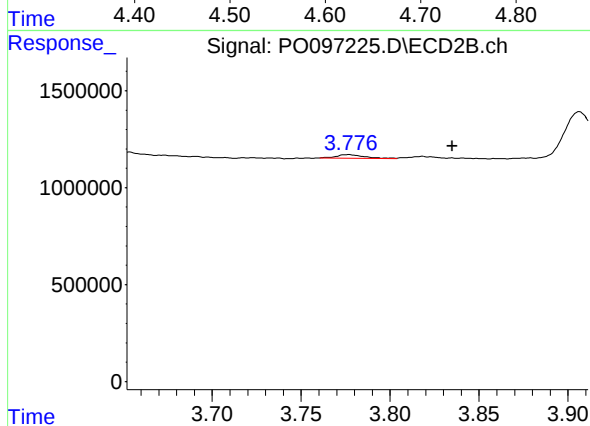
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T.: 5.160 min
Response: 0
Conc: N.D.



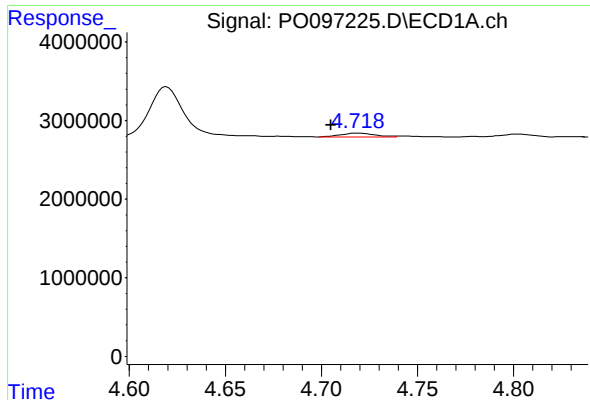
#8 AR-1221-1

R.T.: 4.619 min
Delta R.T.: 0.002 min
Response: 7818528
Conc: 191.84 ng/ml



#8 AR-1221-1

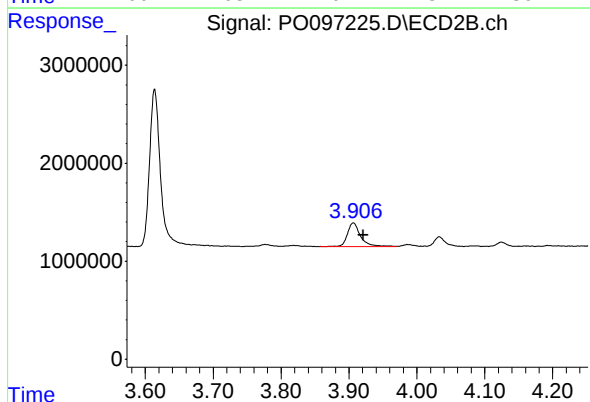
R.T.: 3.776 min
Delta R.T.: -0.059 min
Response: 202861
Conc: 11.69 ng/ml



#9 AR-1221-2

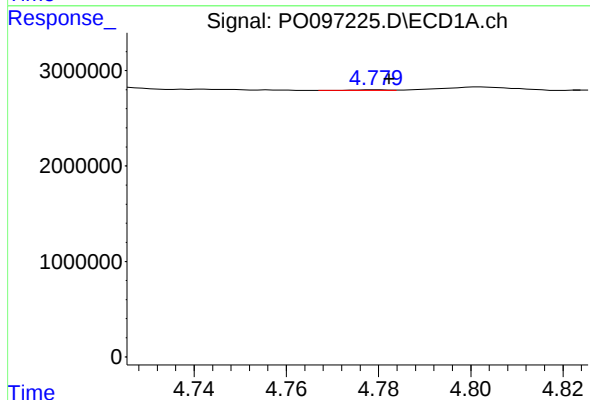
R.T.: 4.719 min
Delta R.T.: 0.014 min
Response: 591748
Conc: 19.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



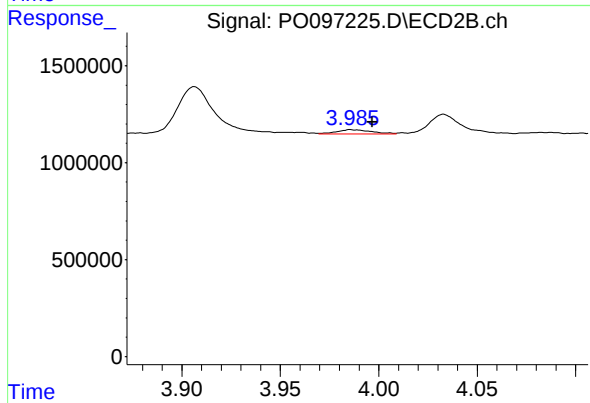
#9 AR-1221-2

R.T.: 3.906 min
Delta R.T.: -0.014 min
Response: 3347046
Conc: 259.04 ng/ml



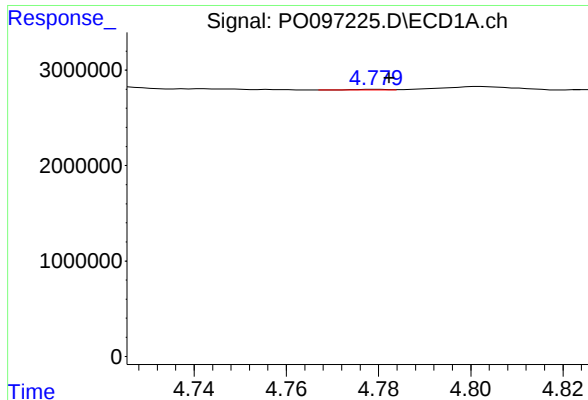
#10 AR-1221-3

R.T.: 4.780 min
Delta R.T.: -0.003 min
Response: 40877
Conc: 0.47 ng/ml



#10 AR-1221-3

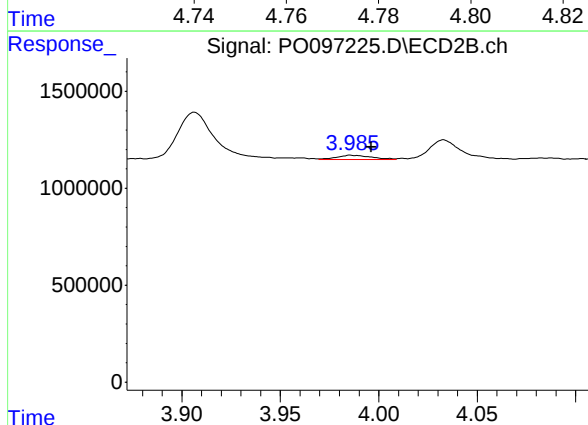
R.T.: 3.986 min
Delta R.T.: -0.011 min
Response: 256296
Conc: 6.46 ng/ml



#11 AR-1232-1

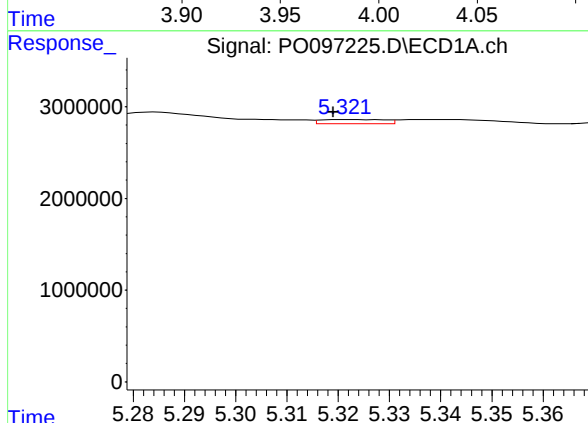
R.T.: 4.780 min
Delta R.T.: -0.003 min
Response: 40877
Conc: 0.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



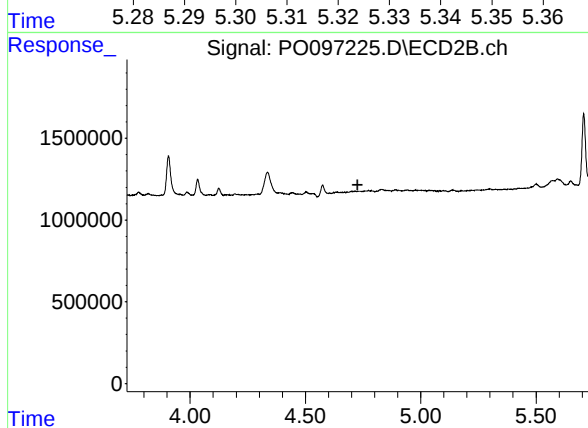
#11 AR-1232-1

R.T.: 3.986 min
Delta R.T.: -0.010 min
Response: 256296
Conc: 7.92 ng/ml



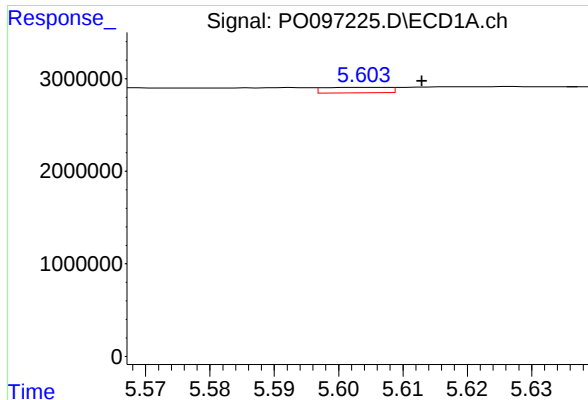
#12 AR-1232-2

R.T.: 5.322 min
Delta R.T.: 0.003 min
Response: 409505
Conc: 10.33 ng/ml



#12 AR-1232-2

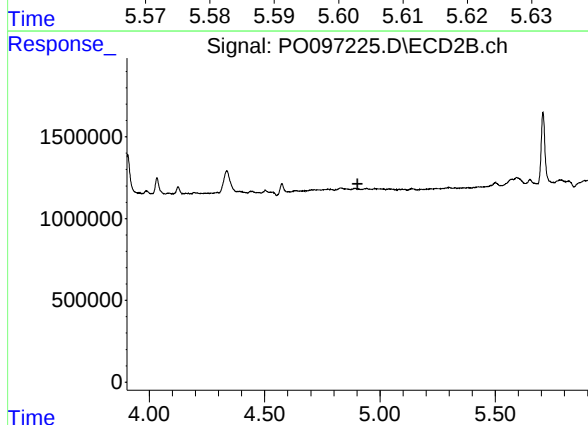
R.T.: 0.000 min
Exp R.T.: 4.726 min
Response: 0
Conc: N.D.



#13 AR-1232-3

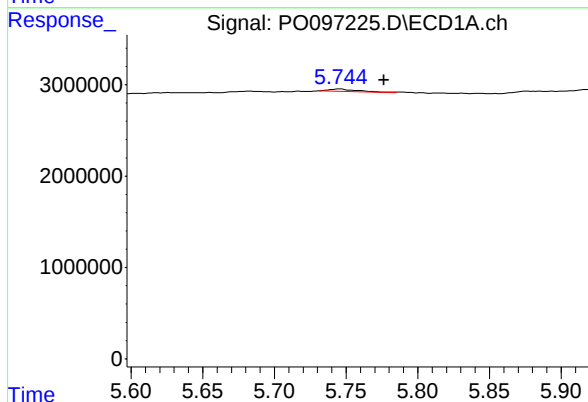
R.T.: 5.604 min
Delta R.T.: -0.009 min
Response: 414800
Conc: 6.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



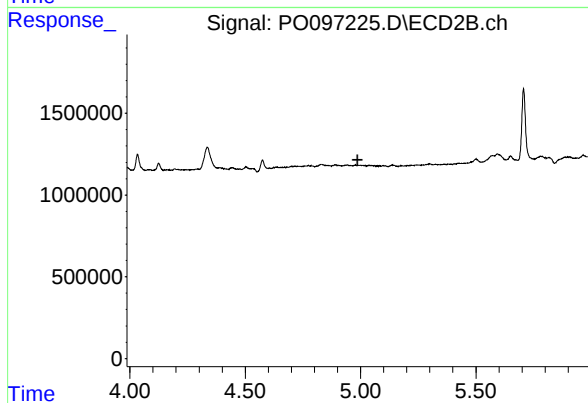
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.902 min
Response: 0
Conc: N.D.



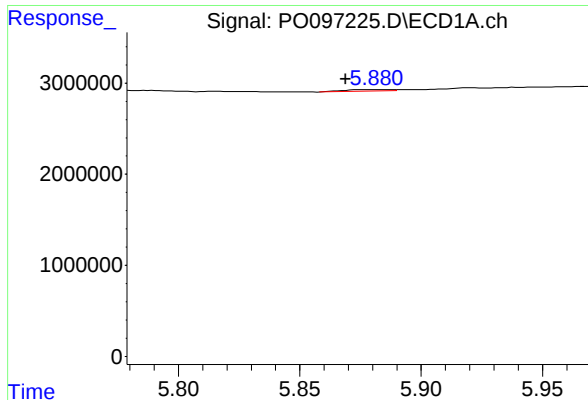
#14 AR-1232-4

R.T.: 5.745 min
Delta R.T.: -0.031 min
Response: 381396
Conc: 12.50 ng/ml



#14 AR-1232-4

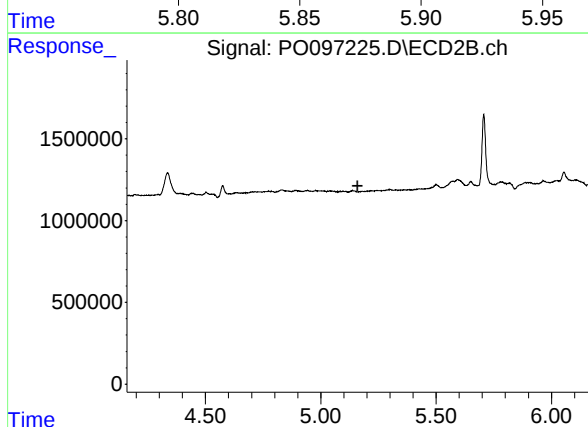
R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



#15 AR-1232-5

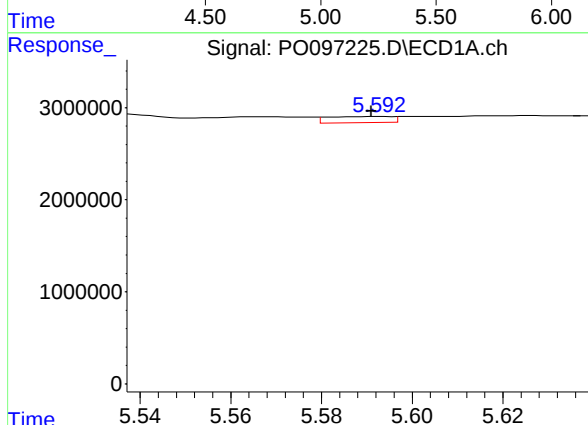
R.T.: 5.882 min
Delta R.T.: 0.013 min
Response: 226712
Conc: 8.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



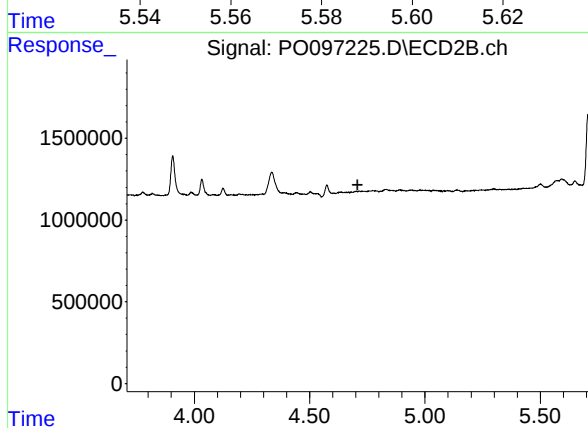
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.159 min
Response: 0
Conc: N.D.



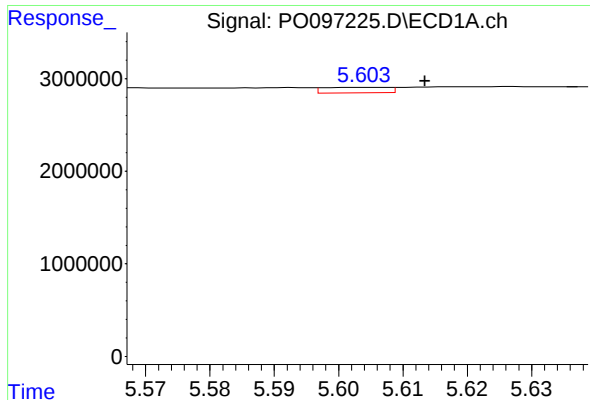
#16 AR-1242-1

R.T.: 5.593 min
Delta R.T.: 0.002 min
Response: 650301
Conc: 7.76 ng/ml



#16 AR-1242-1

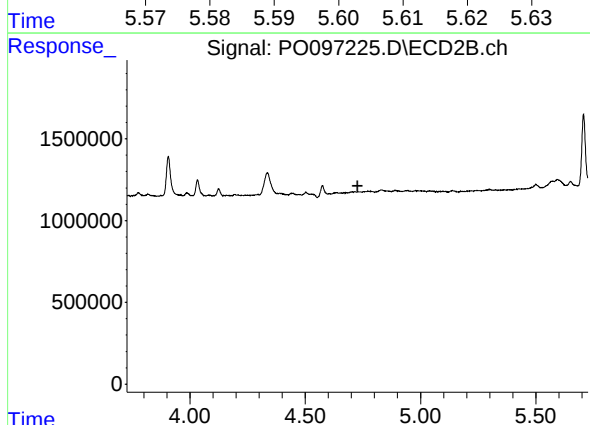
R.T.: 0.000 min
Exp R.T. : 4.708 min
Response: 0
Conc: N.D.



#17 AR-1242-2

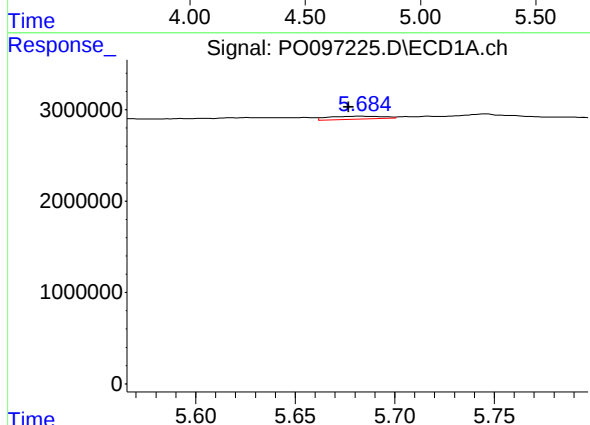
R.T.: 5.604 min
Delta R.T.: -0.010 min
Response: 414800
Conc: 3.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



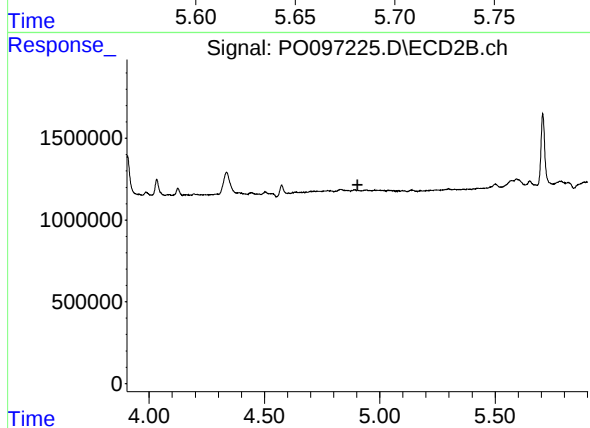
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.727 min
Response: 0
Conc: N.D.



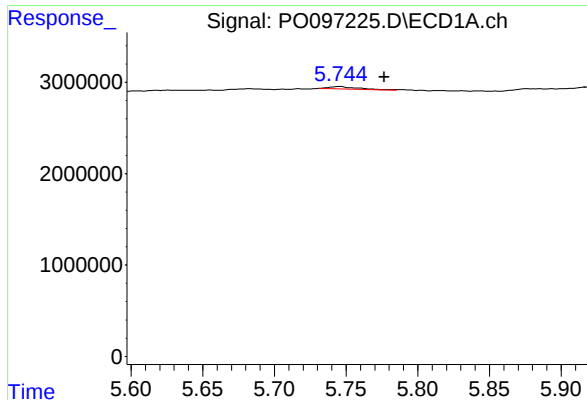
#18 AR-1242-3

R.T.: 5.684 min
Delta R.T.: 0.007 min
Response: 603568
Conc: 8.17 ng/ml



#18 AR-1242-3

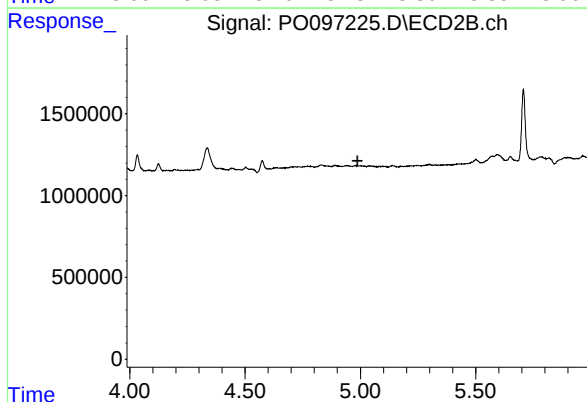
R.T.: 0.000 min
Exp R.T. : 4.903 min
Response: 0
Conc: N.D.



#19 AR-1242-4

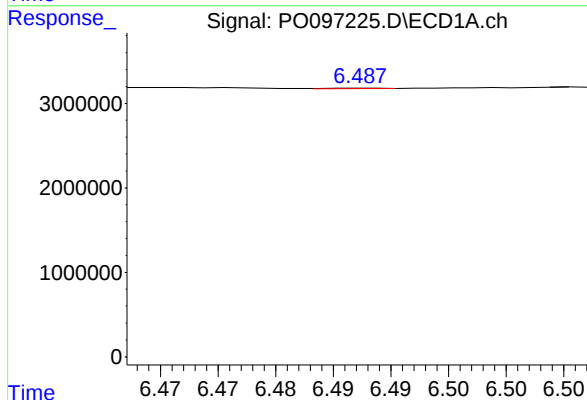
R.T.: 5.745 min
Delta R.T.: -0.031 min
Response: 381396
Conc: 6.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



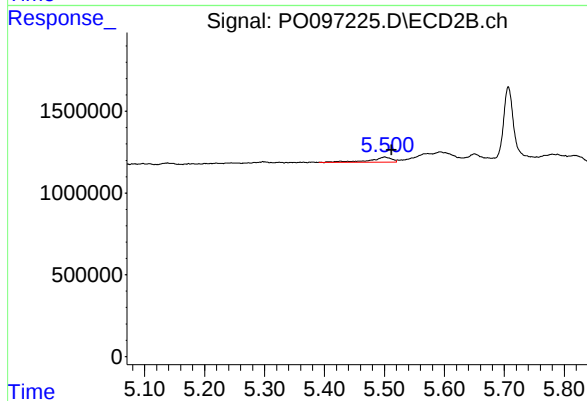
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 4.987 min
Response: 0
Conc: N.D.



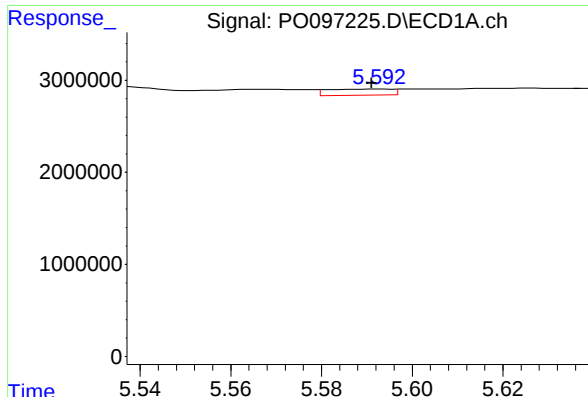
#20 AR-1242-5

R.T.: 6.488 min
Delta R.T.: -0.039 min
Response: 10304
Conc: 0.19 ng/ml



#20 AR-1242-5

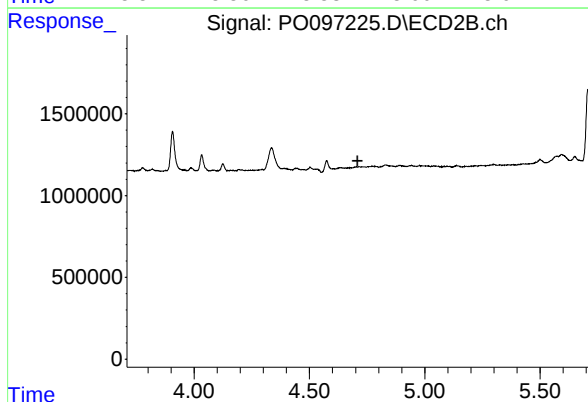
R.T.: 5.501 min
Delta R.T.: -0.011 min
Response: 81524
Conc: 22.38 ng/ml



#21 AR-1248-1

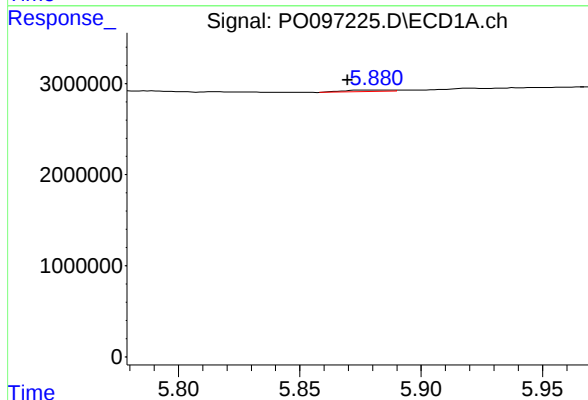
R.T.: 5.593 min
Delta R.T.: 0.002 min
Response: 650301
Conc: 11.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



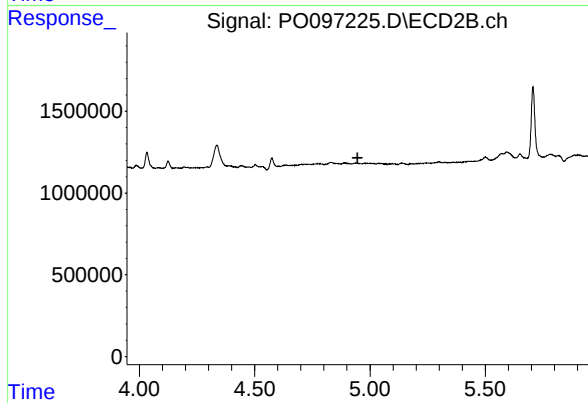
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.708 min
Response: 0
Conc: N.D.



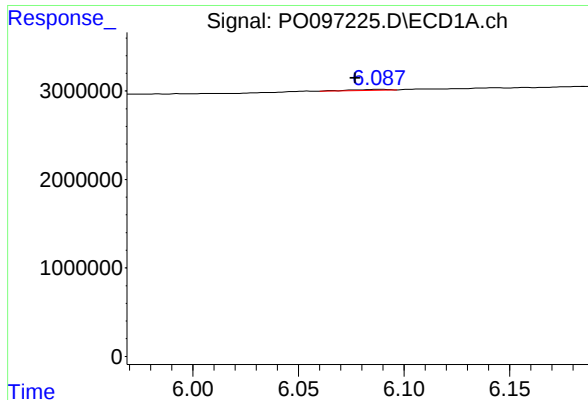
#22 AR-1248-2

R.T.: 5.882 min
Delta R.T.: 0.012 min
Response: 226712
Conc: 2.41 ng/ml



#22 AR-1248-2

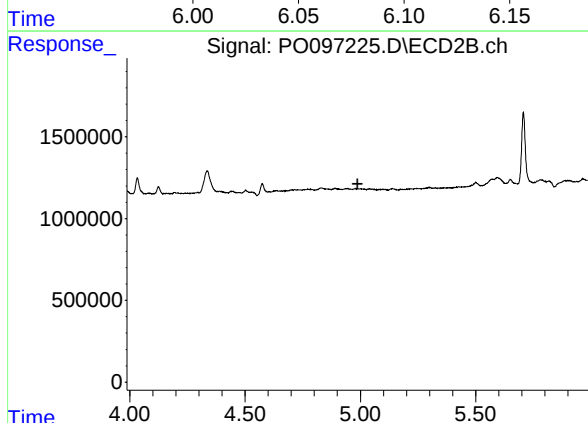
R.T.: 0.000 min
Exp R.T. : 4.946 min
Response: 0
Conc: N.D.



#23 AR-1248-3

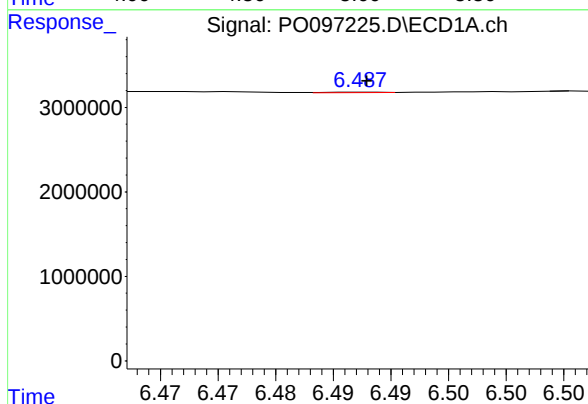
R.T.: 6.088 min
Delta R.T.: 0.011 min
Response: 126215
Conc: 1.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



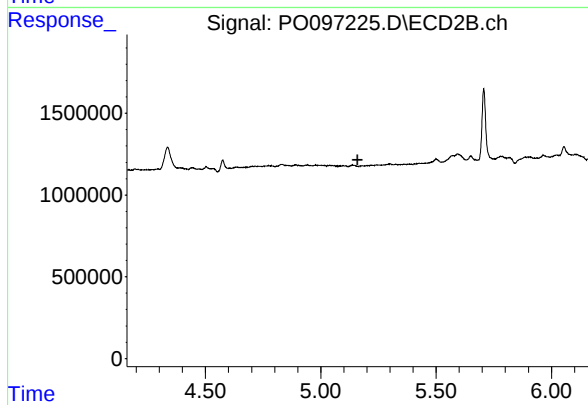
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



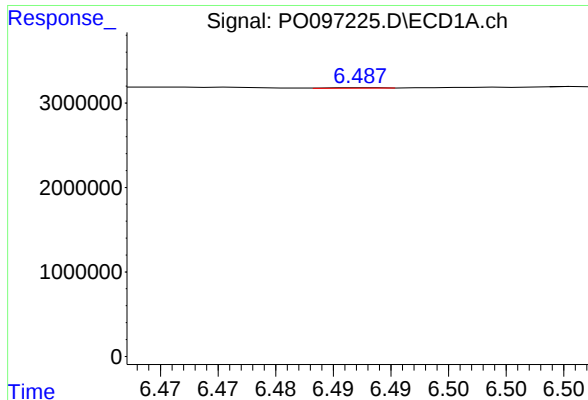
#24 AR-1248-4

R.T.: 6.488 min
Delta R.T.: 0.000 min
Response: 10304
Conc: 0.11 ng/ml



#24 AR-1248-4

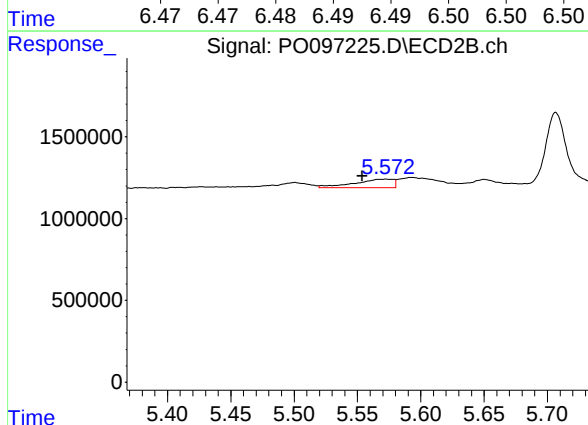
R.T.: 0.000 min
Exp R.T. : 5.159 min
Response: 0
Conc: N.D.



#25 AR-1248-5

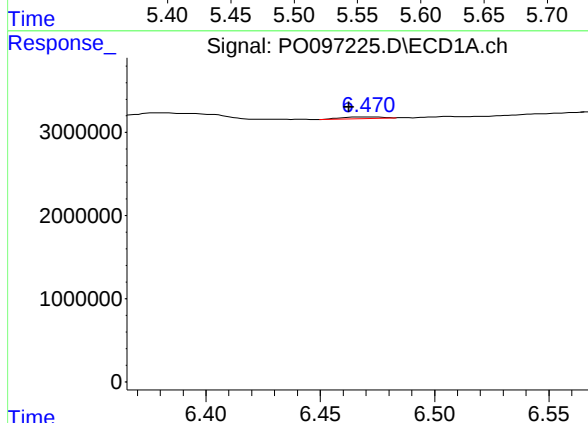
R.T.: 6.488 min
Delta R.T.: -0.039 min
Response: 10304
Conc: 0.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



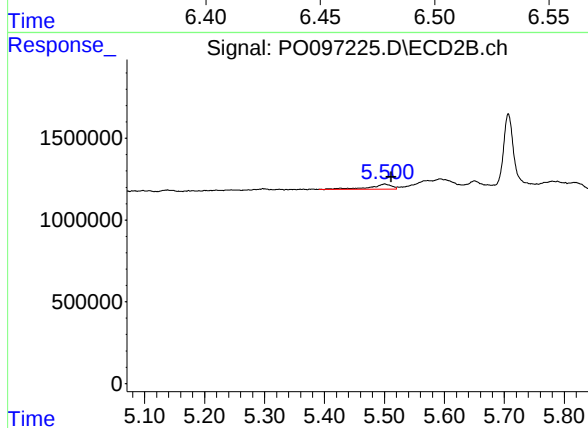
#25 AR-1248-5

R.T.: 5.573 min
Delta R.T.: 0.019 min
Response: 1130439
Conc: 24.18 ng/ml



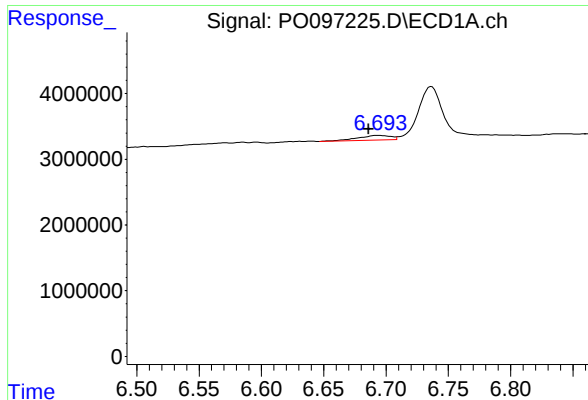
#26 AR-1254-1

R.T.: 6.471 min
Delta R.T.: 0.008 min
Response: 270144
Conc: 2.47 ng/ml



#26 AR-1254-1

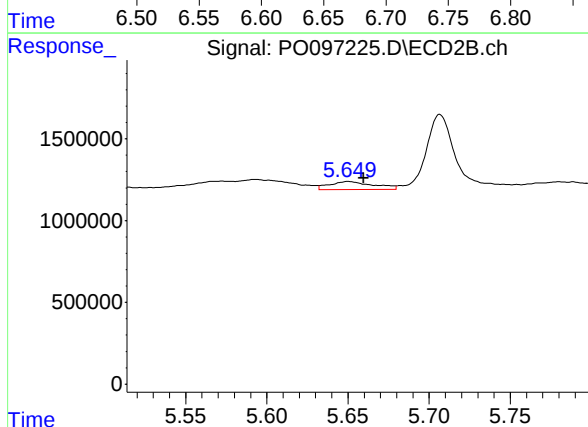
R.T.: 5.501 min
Delta R.T.: -0.011 min
Response: 815524
Conc: 11.05 ng/ml



#27 AR-1254-2

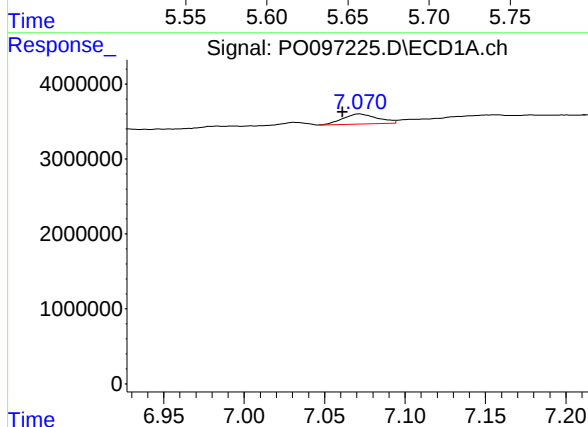
R.T.: 6.694 min
Delta R.T.: 0.008 min
Response: 1327641
Conc: 8.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



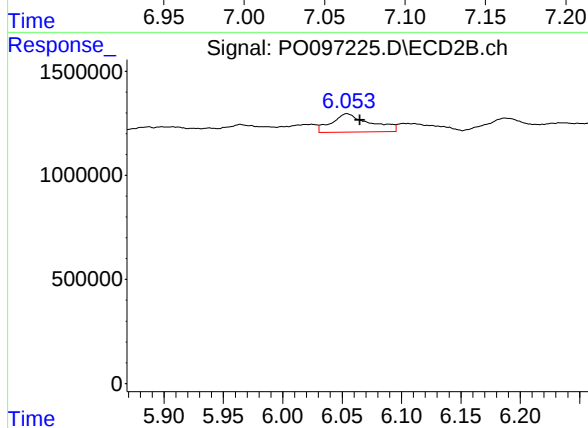
#27 AR-1254-2

R.T.: 5.650 min
Delta R.T.: -0.009 min
Response: 929204
Conc: 14.10 ng/ml



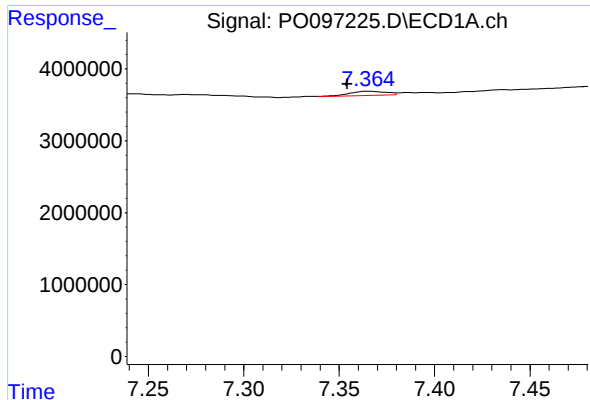
#28 AR-1254-3

R.T.: 7.072 min
Delta R.T.: 0.010 min
Response: 2014299
Conc: 12.85 ng/ml



#28 AR-1254-3

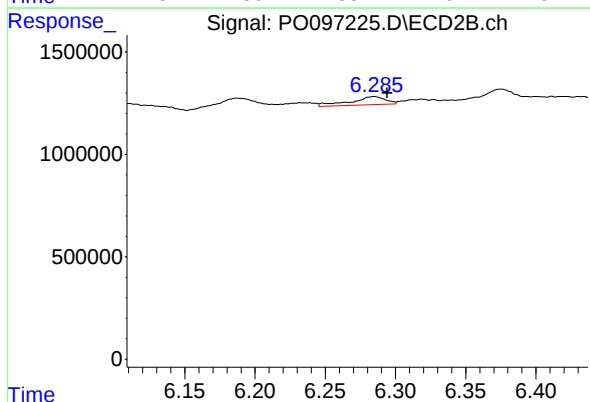
R.T.: 6.054 min
Delta R.T.: -0.011 min
Response: 2013540
Conc: 19.92 ng/ml



#29 AR-1254-4

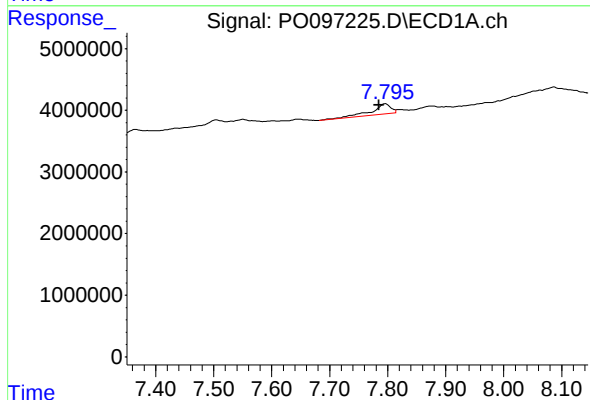
R.T.: 7.366 min
Delta R.T.: 0.011 min
Response: 757131
Conc: 7.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



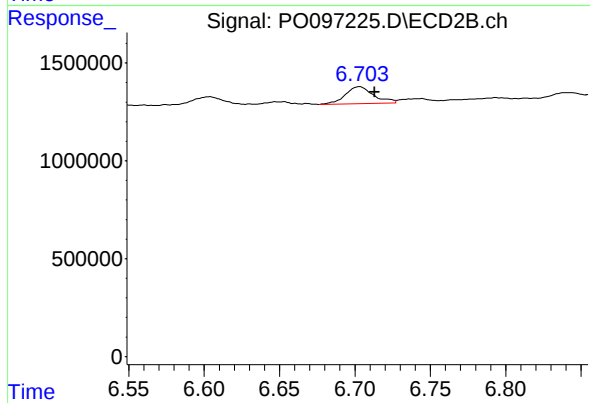
#29 AR-1254-4

R.T.: 6.285 min
Delta R.T.: -0.009 min
Response: 676023
Conc: 11.68 ng/ml



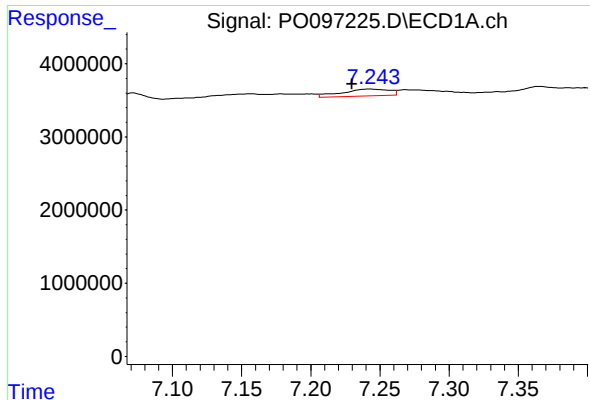
#30 AR-1254-5

R.T.: 7.795 min
Delta R.T.: 0.010 min
Response: 3982876
Conc: 35.49 ng/ml



#30 AR-1254-5

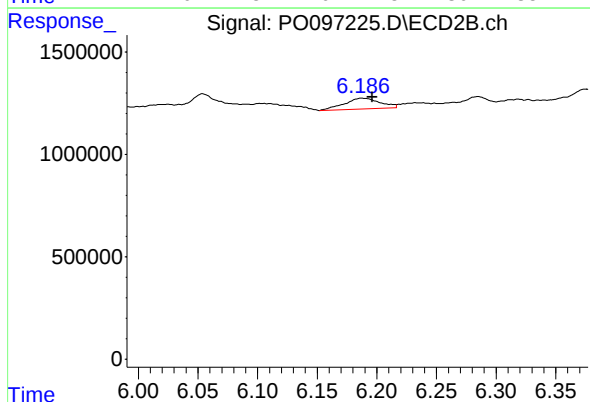
R.T.: 6.703 min
Delta R.T.: -0.010 min
Response: 1123332
Conc: 12.78 ng/ml



#31 AR-1260-1

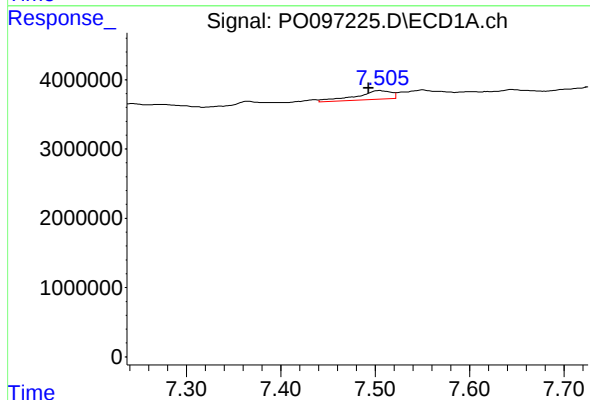
R.T.: 7.243 min
Delta R.T.: 0.013 min
Response: 2262389
Conc: 18.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



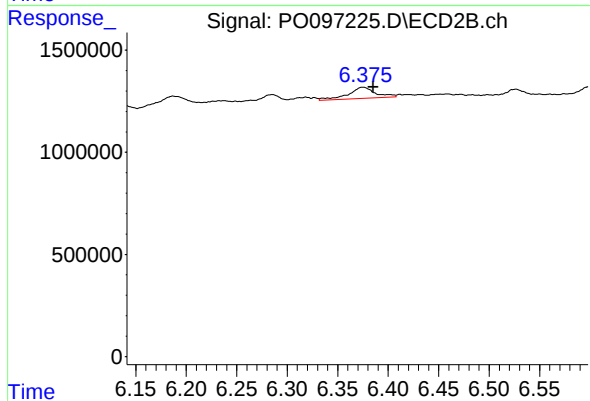
#31 AR-1260-1

R.T.: 6.187 min
Delta R.T.: -0.009 min
Response: 1104848
Conc: 15.70 ng/ml



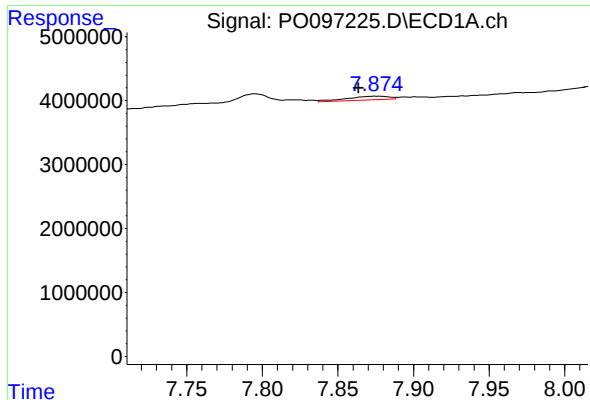
#32 AR-1260-2

R.T.: 7.505 min
Delta R.T.: 0.012 min
Response: 3208528
Conc: 23.81 ng/ml



#32 AR-1260-2

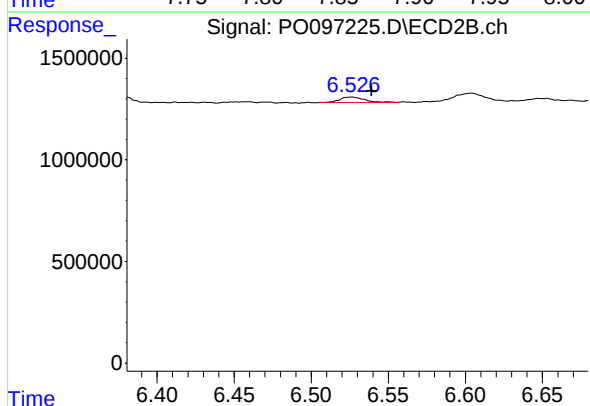
R.T.: 6.375 min
Delta R.T.: -0.010 min
Response: 1019812
Conc: 12.22 ng/ml



#33 AR-1260-3

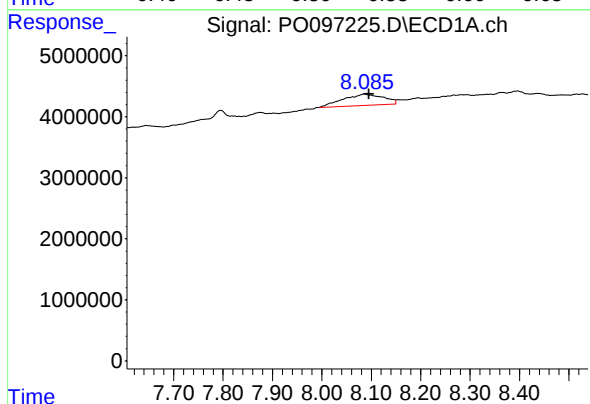
R.T.: 7.876 min
Delta R.T.: 0.012 min
Response: 1146726
Conc: 11.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



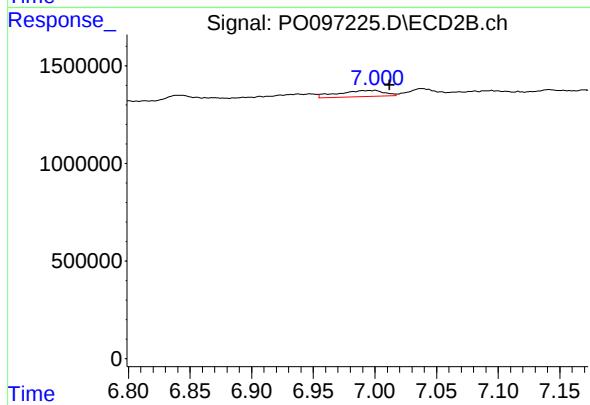
#33 AR-1260-3

R.T.: 6.526 min
Delta R.T.: -0.013 min
Response: 298960
Conc: 3.87 ng/ml



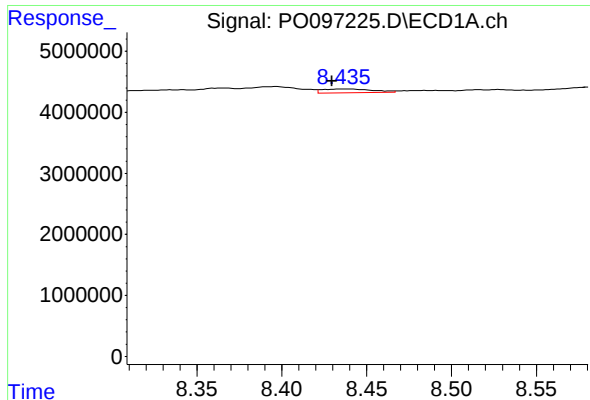
#34 AR-1260-4

R.T.: 8.086 min
Delta R.T.: -0.009 min
Response: 10395050
Conc: 92.98 ng/ml



#34 AR-1260-4

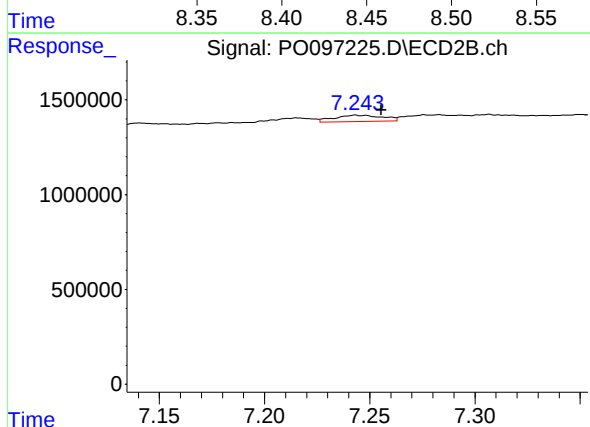
R.T.: 7.000 min
Delta R.T.: -0.012 min
Response: 833071
Conc: 13.00 ng/ml



#35 AR-1260-5

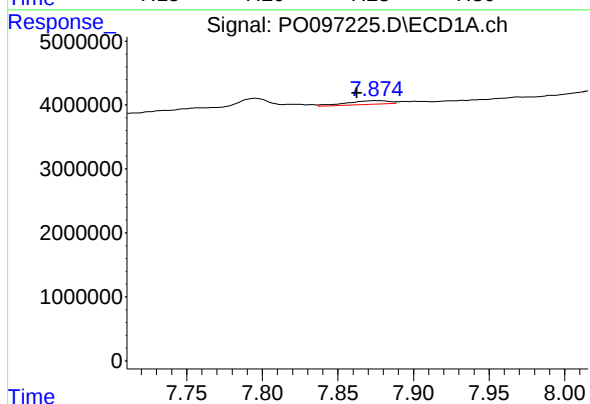
R.T.: 8.435 min
Delta R.T.: 0.006 min
Response: 1258869
Conc: 6.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



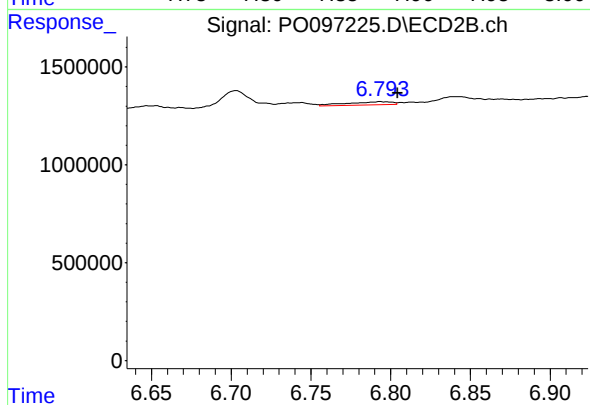
#35 AR-1260-5

R.T.: 7.243 min
Delta R.T.: -0.012 min
Response: 535533
Conc: 3.86 ng/ml



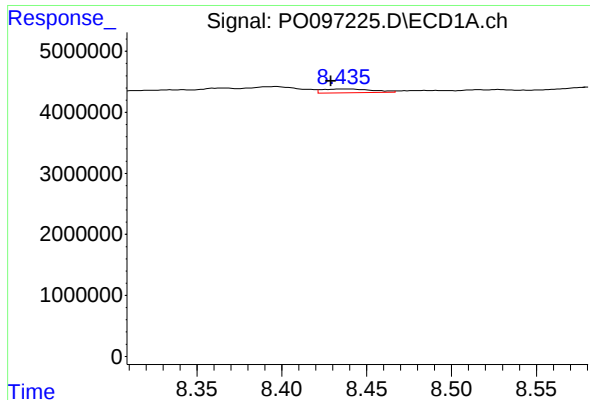
#36 AR-1262-1

R.T.: 7.876 min
Delta R.T.: 0.013 min
Response: 1146726
Conc: 7.72 ng/ml



#36 AR-1262-1

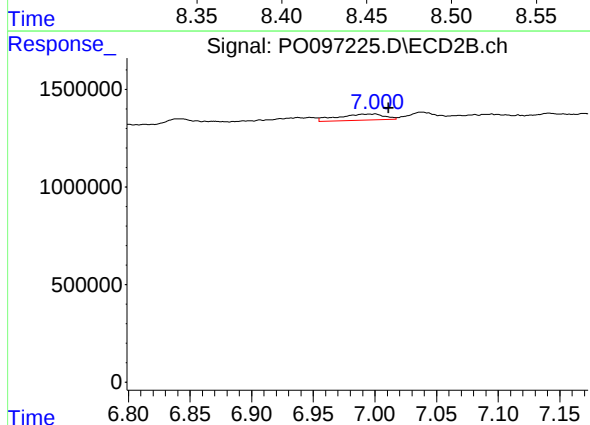
R.T.: 6.793 min
Delta R.T.: -0.011 min
Response: 303399
Conc: 7.71 ng/ml



#37 AR-1262-2

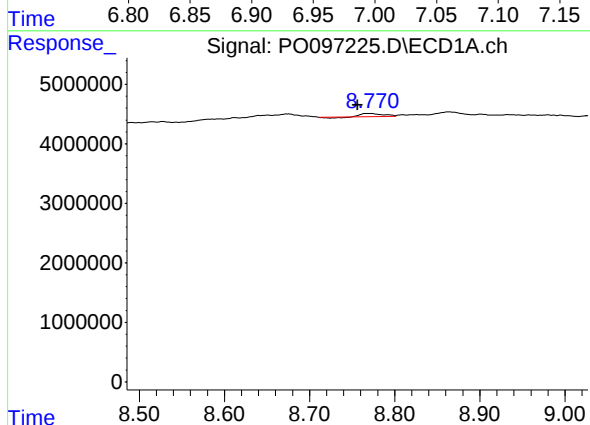
R.T.: 8.435 min
Delta R.T.: 0.007 min
Response: 1258869
Conc: 5.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



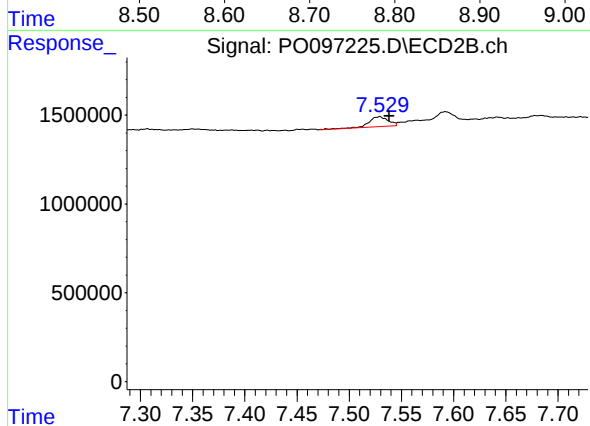
#37 AR-1262-2

R.T.: 7.000 min
Delta R.T.: -0.011 min
Response: 833071
Conc: 10.27 ng/ml



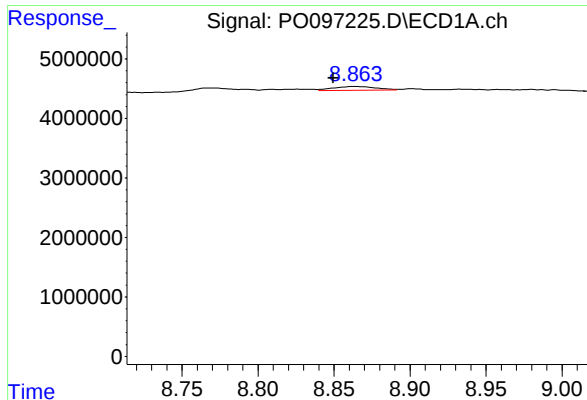
#38 AR-1262-3

R.T.: 8.772 min
Delta R.T.: 0.015 min
Response: 893029
Conc: 5.35 ng/ml



#38 AR-1262-3

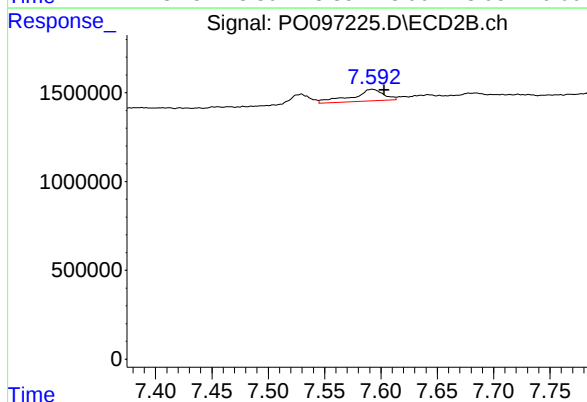
R.T.: 7.529 min
Delta R.T.: -0.010 min
Response: 714059
Conc: 11.13 ng/ml



#39 AR-1262-4

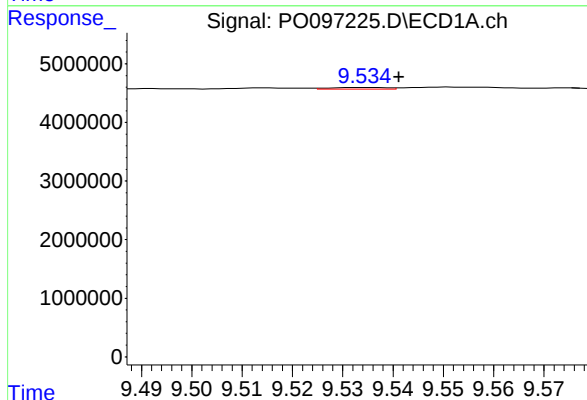
R.T.: 8.864 min
Delta R.T.: 0.014 min
Response: 1235080
Conc: 16.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



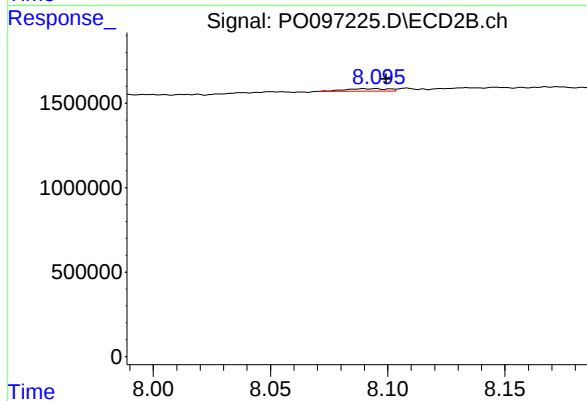
#39 AR-1262-4

R.T.: 7.592 min
Delta R.T.: -0.011 min
Response: 1288937
Conc: 11.35 ng/ml



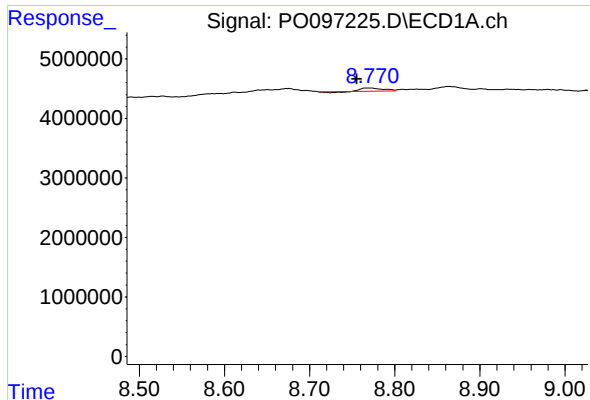
#40 AR-1262-5

R.T.: 9.535 min
Delta R.T.: -0.007 min
Response: 204297
Conc: 2.45 ng/ml



#40 AR-1262-5

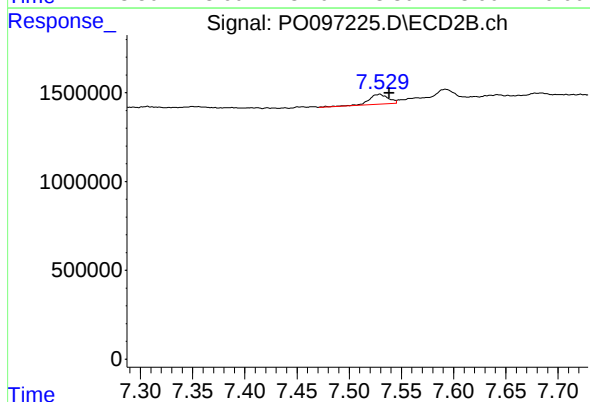
R.T.: 8.095 min
Delta R.T.: -0.005 min
Response: 193460
Conc: 3.68 ng/ml



#41 AR-1268-1

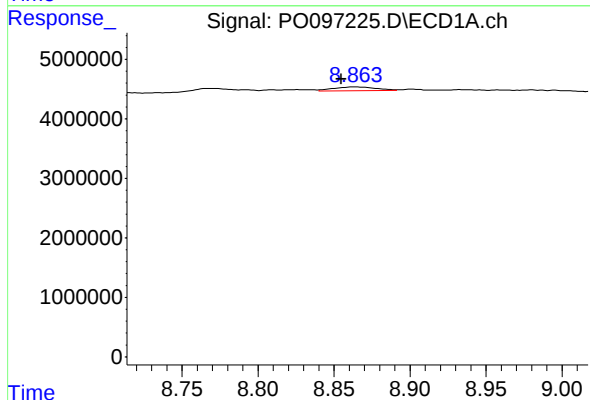
R.T.: 8.772 min
Delta R.T.: 0.016 min
Response: 893029
Conc: 2.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



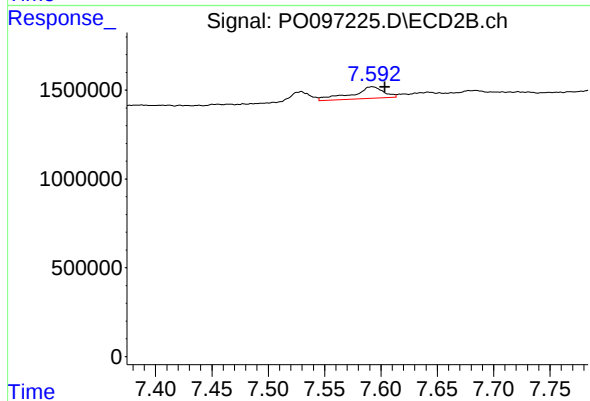
#41 AR-1268-1

R.T.: 7.529 min
Delta R.T.: -0.009 min
Response: 714059
Conc: 3.85 ng/ml



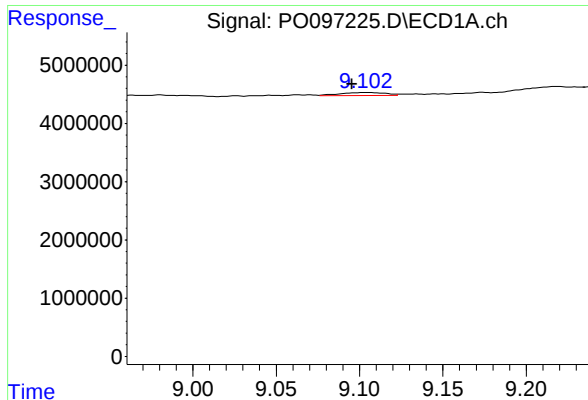
#42 AR-1268-2

R.T.: 8.864 min
Delta R.T.: 0.009 min
Response: 1235080
Conc: 4.50 ng/ml



#42 AR-1268-2

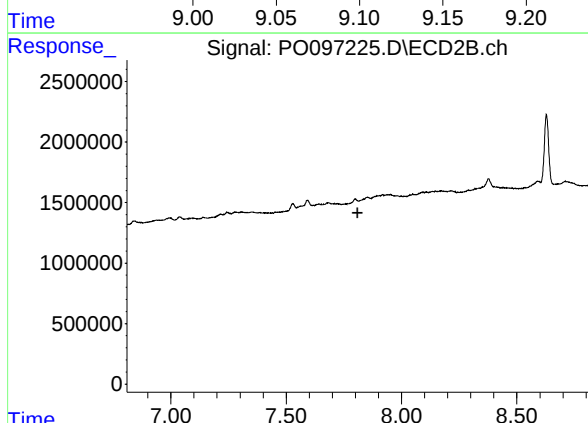
R.T.: 7.592 min
Delta R.T.: -0.012 min
Response: 1288937
Conc: 7.69 ng/ml



#43 AR-1268-3

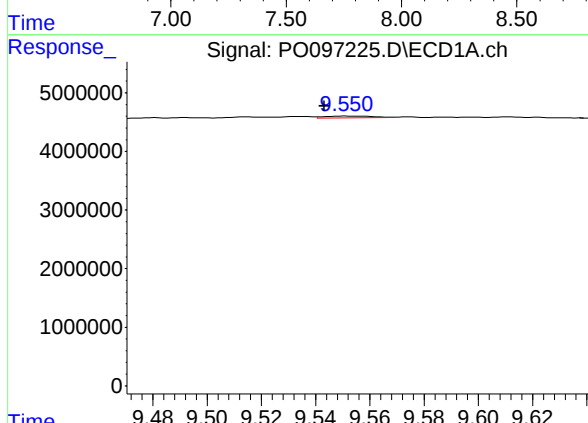
R.T.: 9.104 min
Delta R.T.: 0.008 min
Response: 994639
Conc: 3.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



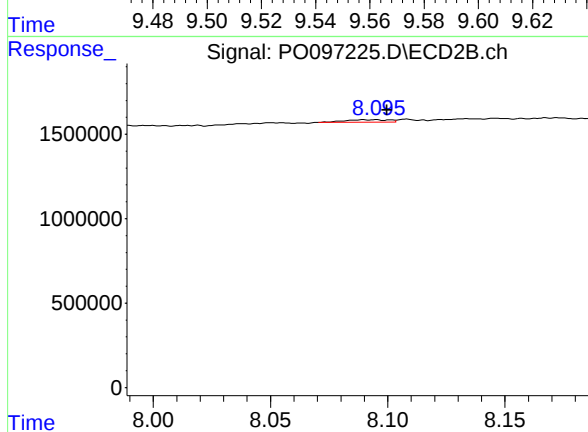
#43 AR-1268-3

R.T.: 7.800 min
Delta R.T.: -0.009 min
Response: -122350
Conc: N.D.



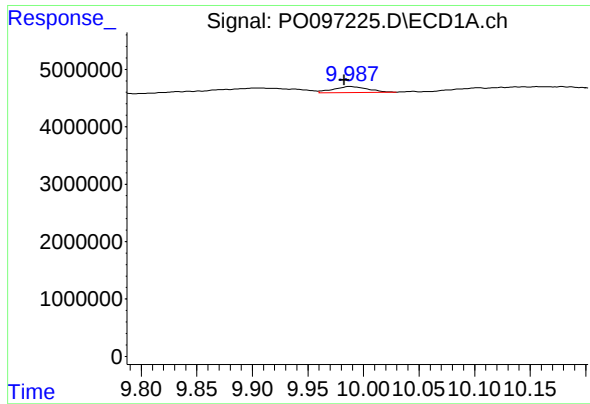
#44 AR-1268-4

R.T.: 9.551 min
Delta R.T.: 0.008 min
Response: 389154
Conc: 4.20 ng/ml



#44 AR-1268-4

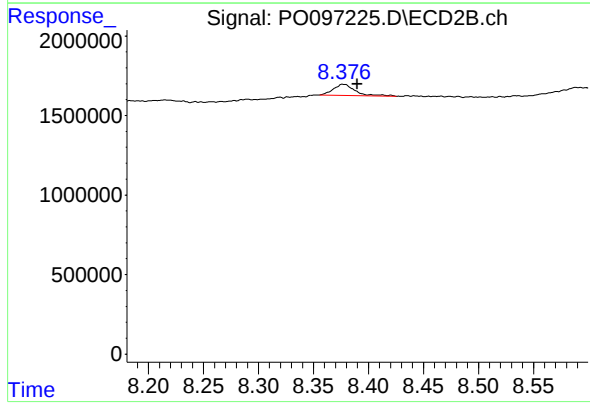
R.T.: 8.095 min
Delta R.T.: -0.005 min
Response: 193460
Conc: 3.25 ng/ml



#45 AR-1268-5

R.T.: 9.988 min
Delta R.T.: 0.005 min
Response: 2238175
Conc: 2.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.377 min
Delta R.T.: -0.012 min
Response: 997948
Conc: 2.40 ng/ml