

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080923\
 Data File : P0096840.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 14:27
 Operator : YP/AJ
 Sample : 03572-08
 Misc : AR1254 LOQ 50 PPB
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 01:28:54 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	3.620	58845322	23589034	17.777	17.819
2) SA Decachlor...	10.359	8.642	42933062	24039461	19.620	20.779
Target Compounds						
3) L1 AR-1016-1	5.593	0.000	118209	0	1.255	N.D. #
4) L1 AR-1016-2	5.616	0.000	122787	0	0.918	N.D. #
5) L1 AR-1016-3	5.692	4.944f	125922	1335746	1.447	40.888 #
6) L1 AR-1016-4	5.785	4.944	95625	1335746	1.424	46.727 #
7) L1 AR-1016-5	6.085	5.158	1574113	795520	22.546	20.692
8) L2 AR-1221-1	4.618	0.000	78923	0	1.937	N.D. #
9) L2 AR-1221-2	4.691	3.920	19050	453157	0.627	35.072 #
10) L2 AR-1221-3	4.790	0.000	260351	0	2.974	N.D. #
11) L3 AR-1232-1	4.790	0.000	260351	0	3.570	N.D. #
12) L3 AR-1232-2	5.329	0.000	237769	0	5.997	N.D. #
13) L3 AR-1232-3	5.616	4.944f	122787	1335746	2.007	88.099 #
14) L3 AR-1232-4	5.785	4.985	95625	367563	3.134	24.595 #
15) L3 AR-1232-5	5.877	5.158	2967444	795520	106.044	48.665 #
16) L4 AR-1242-1	5.593	0.000	118209	0	1.410	N.D. #
17) L4 AR-1242-2	5.616	0.000	122787	0	1.043	N.D. #
18) L4 AR-1242-3	5.692	4.944f	125922	1335746	1.705	45.174 #
19) L4 AR-1242-4	5.785	4.985	95625	367563	1.606	11.664 #
20) L4 AR-1242-5	6.540	5.511	992346	3278057	18.036	89.967 #
21) L5 AR-1248-1	5.593	0.000	118209	0	2.017	N.D. #
22) L5 AR-1248-2	5.877	4.944	2967444	1335746	31.563	31.518
23) L5 AR-1248-3	6.085	4.985	1574113	367563	16.094	8.379 #
24) L5 AR-1248-4	6.497	5.158	1775192	795520	19.541	15.583
25) L5 AR-1248-5	6.540	5.553	992346	405731	11.266	8.678
26) L6 AR-1254-1	6.472	5.511	4684048	3278057	42.859	44.420
27) L6 AR-1254-2	6.696	5.659	7407371	3001145	45.944	45.555
28) L6 AR-1254-3	7.073	6.063	7451312	4441762	47.552	43.951
29) L6 AR-1254-4	7.365	6.294	4601964	2502167	45.646	43.234
30) L6 AR-1254-5	7.797	6.712	4715210	3720540	42.020	42.320
31) L7 AR-1260-1	7.241	6.195	3250976	2256436	25.865	32.066
32) L7 AR-1260-2	7.505	6.383	2583226	1790379	19.173	21.451
33) L7 AR-1260-3	7.871	6.536	975646	1694581	9.402	21.945 #
34) L7 AR-1260-4	8.094	7.048f	2436783	1138400	21.795	17.765
35) L7 AR-1260-5	8.443	7.253	1012345	430197	4.821	3.103 #
36) L8 AR-1262-1	7.871	6.821	975646	323800	6.569	8.225 #
37) L8 AR-1262-2	8.443	7.048f	1012345	1138400	4.374	14.036 #
38) L8 AR-1262-3	8.788	7.531	1353902	212655	8.117	3.314 #
39) L8 AR-1262-4	8.844	7.599	176995	485033	2.428	4.270 #
40) L8 AR-1262-5	9.539	0.000	70046	0	0.841	N.D. #
41) L9 AR-1268-1	8.788	7.531	1353902	212655	4.404	1.148 #

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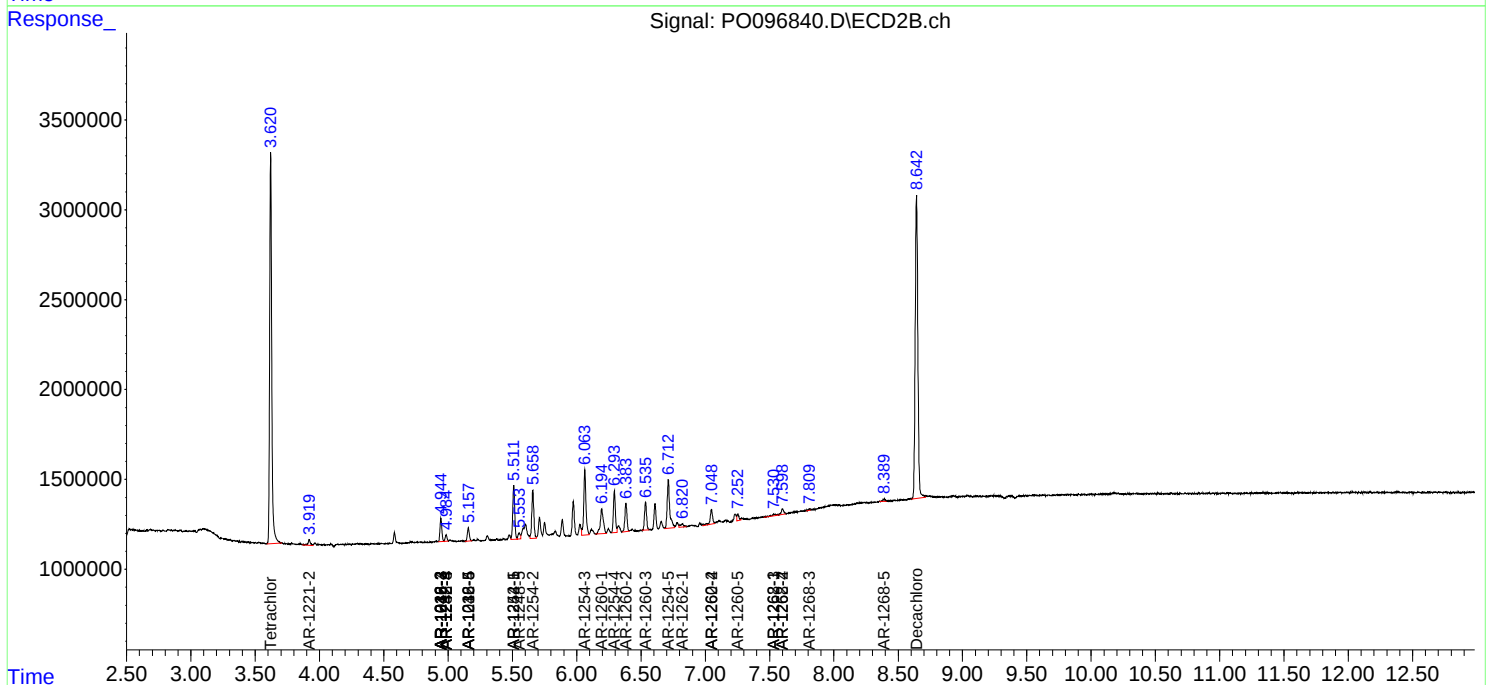
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

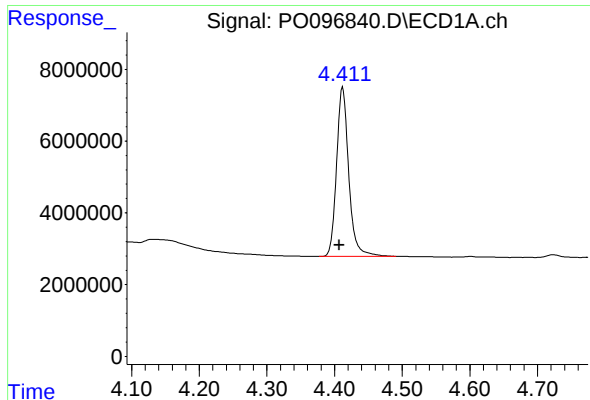
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.857	7.599	142509	485033	0.520	2.892 #
43) L9	AR-1268-3	9.094	7.810	263411	87106	1.031	0.603 #
44) L9	AR-1268-4	9.539	0.000	70046	0	0.756	N.D. #
45) L9	AR-1268-5	9.973	8.394	60053	130610	0.074	0.314 #

(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

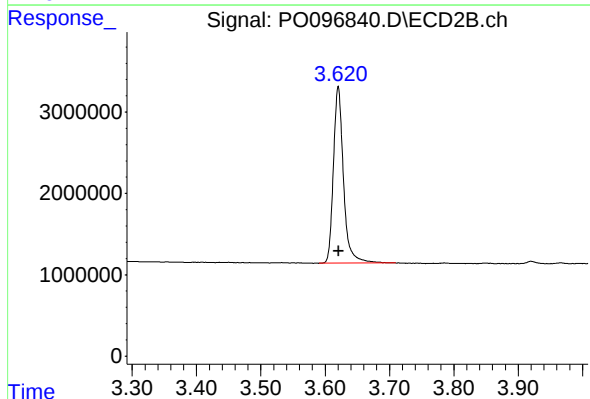




#1 Tetrachloro-m-xylene

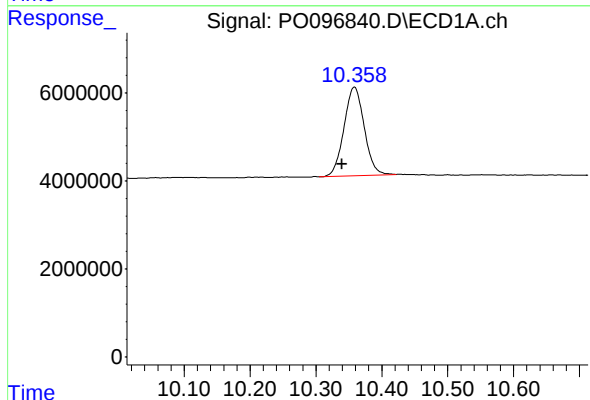
R.T.: 4.412 min
Delta R.T.: 0.005 min
Response: 58845322
Conc: 17.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



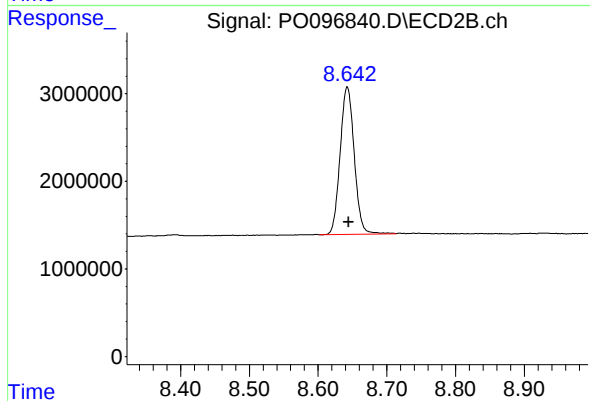
#1 Tetrachloro-m-xylene

R.T.: 3.620 min
Delta R.T.: 0.000 min
Response: 23589034
Conc: 17.82 ng/ml



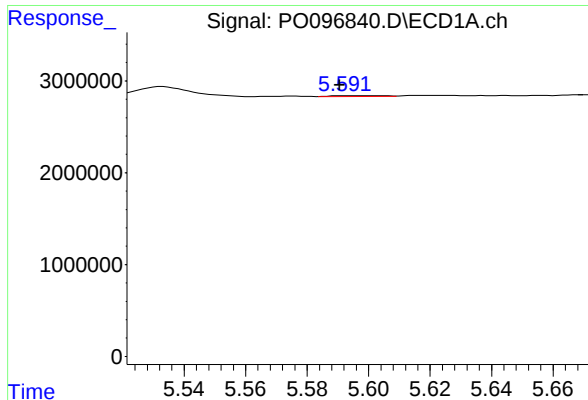
#2 Decachlorobiphenyl

R.T.: 10.359 min
Delta R.T.: 0.019 min
Response: 42933062
Conc: 19.62 ng/ml



#2 Decachlorobiphenyl

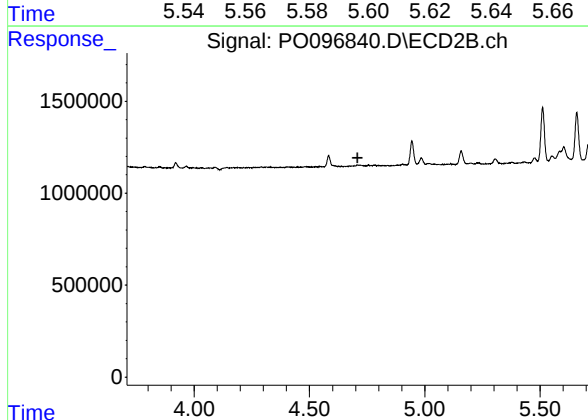
R.T.: 8.642 min
Delta R.T.: -0.002 min
Response: 24039461
Conc: 20.78 ng/ml



#3 AR-1016-1

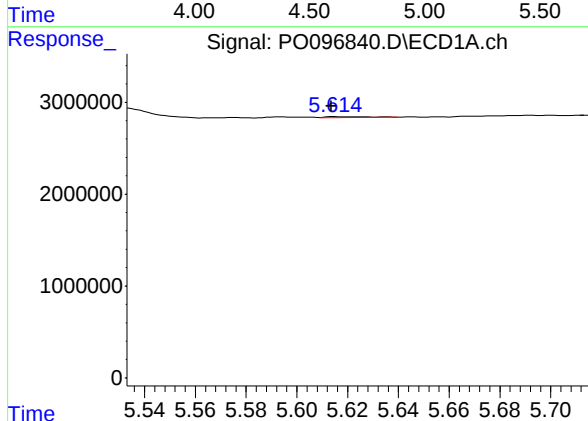
R.T.: 5.593 min
Delta R.T.: 0.003 min
Response: 118209
Conc: 1.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



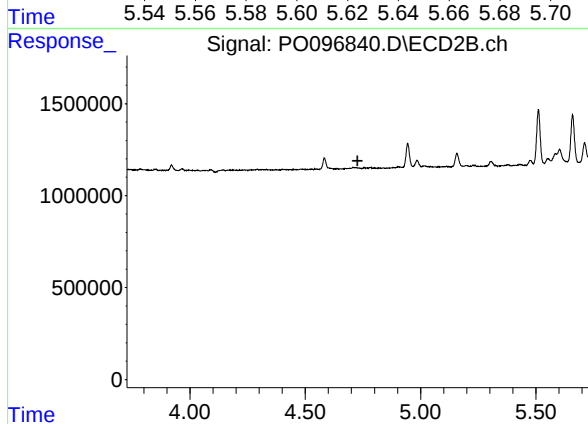
#3 AR-1016-1

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



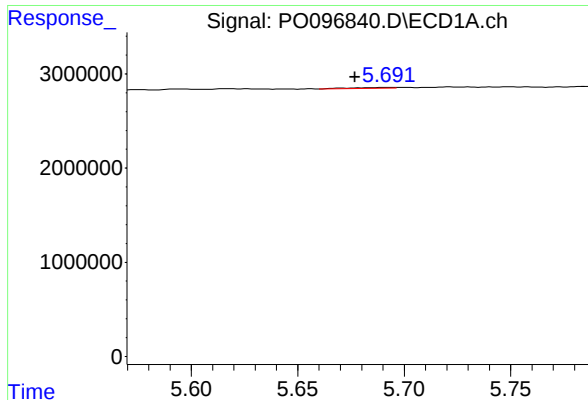
#4 AR-1016-2

R.T.: 5.616 min
Delta R.T.: 0.002 min
Response: 122787
Conc: 0.92 ng/ml



#4 AR-1016-2

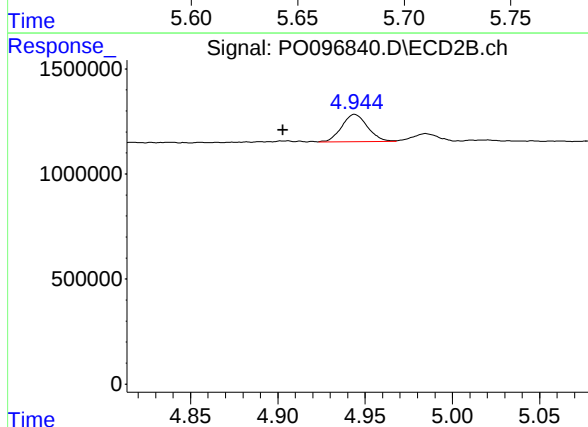
R.T.: 0.000 min
Exp R.T. : 4.726 min
Response: 0
Conc: N.D.



#5 AR-1016-3

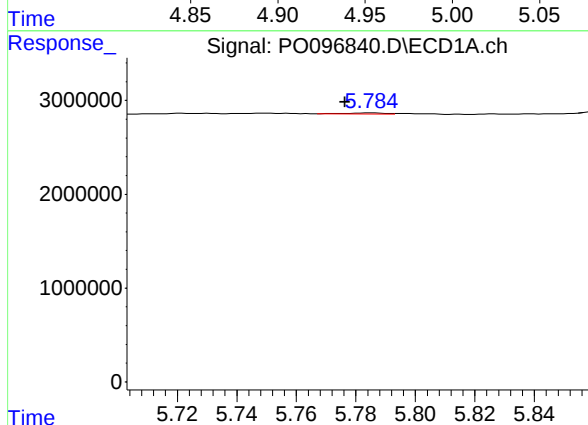
R.T.: 5.692 min
Delta R.T.: 0.015 min
Response: 125922
Conc: 1.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



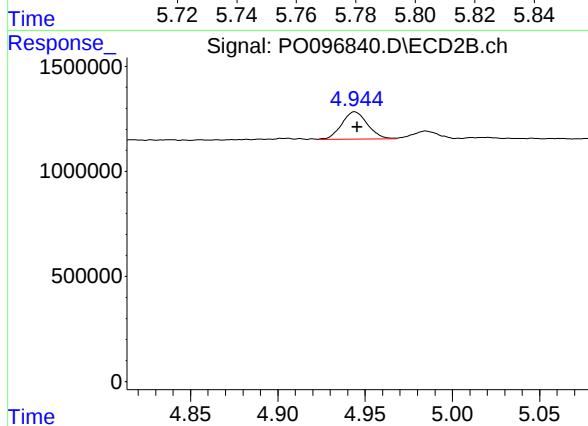
#5 AR-1016-3

R.T.: 4.944 min
Delta R.T.: 0.041 min
Response: 1335746
Conc: 40.89 ng/ml



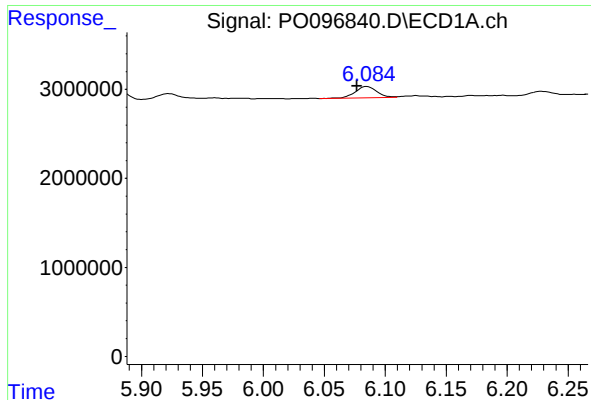
#6 AR-1016-4

R.T.: 5.785 min
Delta R.T.: 0.008 min
Response: 95625
Conc: 1.42 ng/ml



#6 AR-1016-4

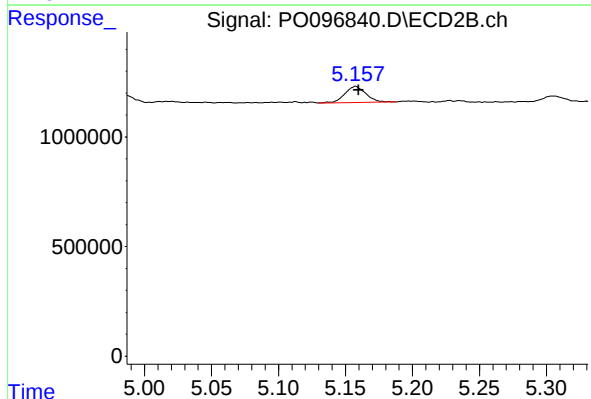
R.T.: 4.944 min
Delta R.T.: -0.002 min
Response: 1335746
Conc: 46.73 ng/ml



#7 AR-1016-5

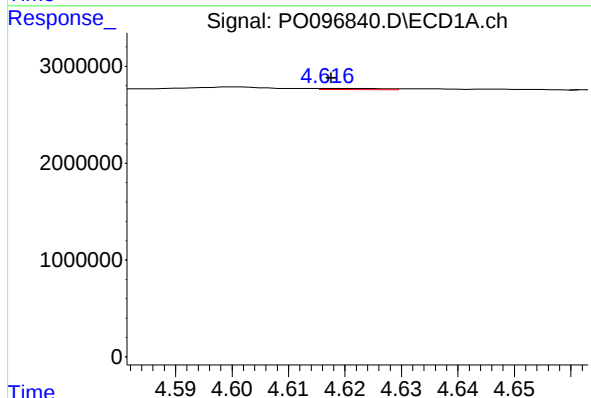
R.T.: 6.085 min
Delta R.T.: 0.008 min
Response: 1574113
Conc: 22.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



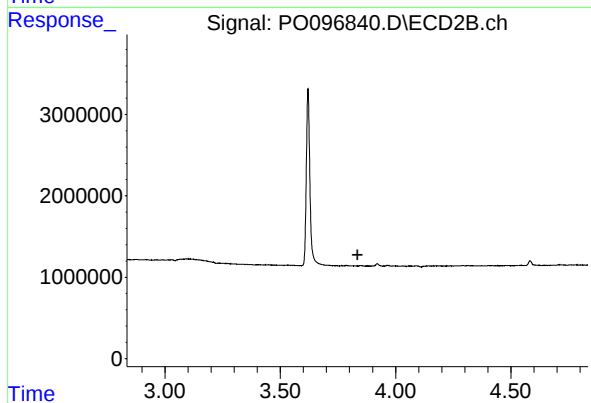
#7 AR-1016-5

R.T.: 5.158 min
Delta R.T.: -0.002 min
Response: 795520
Conc: 20.69 ng/ml



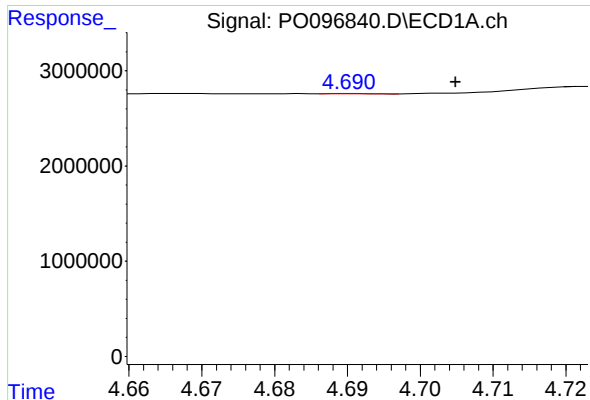
#8 AR-1221-1

R.T.: 4.618 min
Delta R.T.: 0.000 min
Response: 78923
Conc: 1.94 ng/ml



#8 AR-1221-1

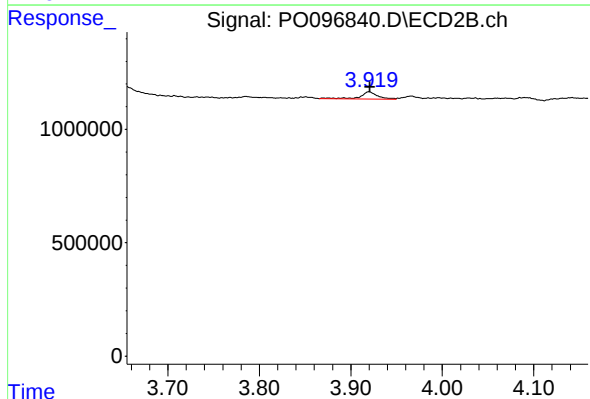
R.T.: 0.000 min
Exp R.T. : 3.835 min
Response: 0
Conc: N.D.



#9 AR-1221-2

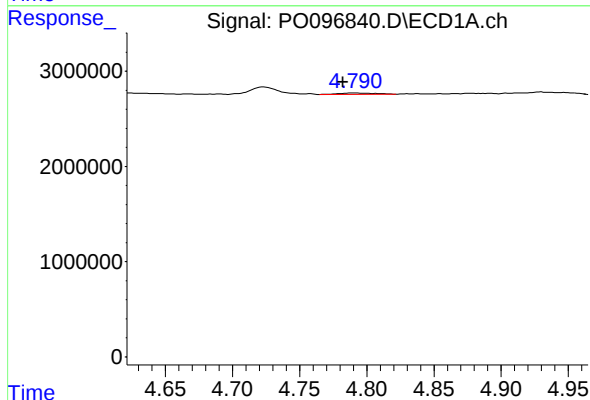
R.T.: 4.691 min
Delta R.T.: -0.014 min
Response: 19050
Conc: 0.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



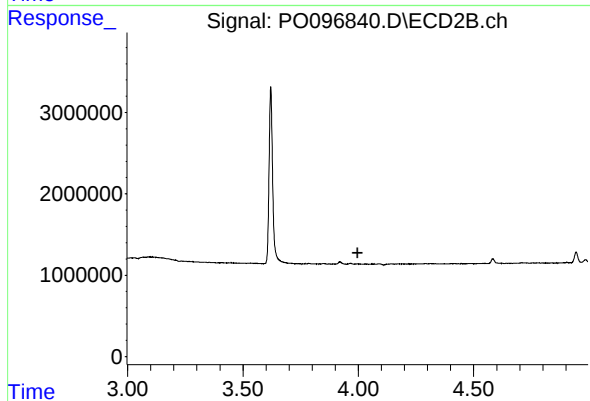
#9 AR-1221-2

R.T.: 3.920 min
Delta R.T.: 0.000 min
Response: 453157
Conc: 35.07 ng/ml



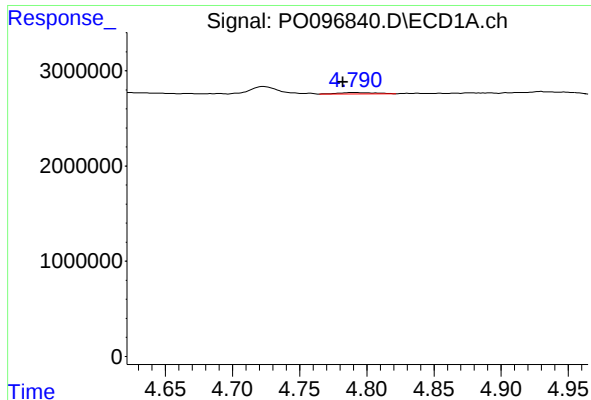
#10 AR-1221-3

R.T.: 4.790 min
Delta R.T.: 0.008 min
Response: 260351
Conc: 2.97 ng/ml



#10 AR-1221-3

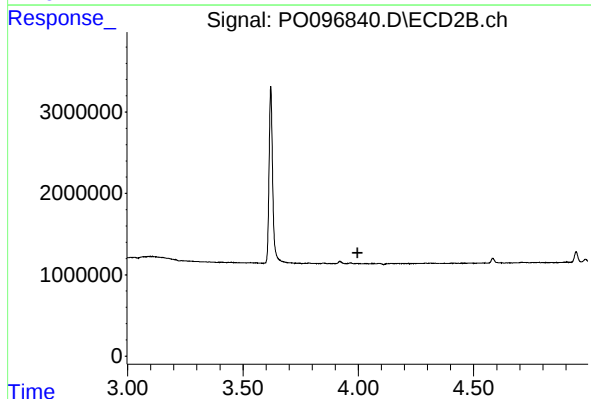
R.T.: 0.000 min
Exp R.T.: 3.997 min
Response: 0
Conc: N.D.



#11 AR-1232-1

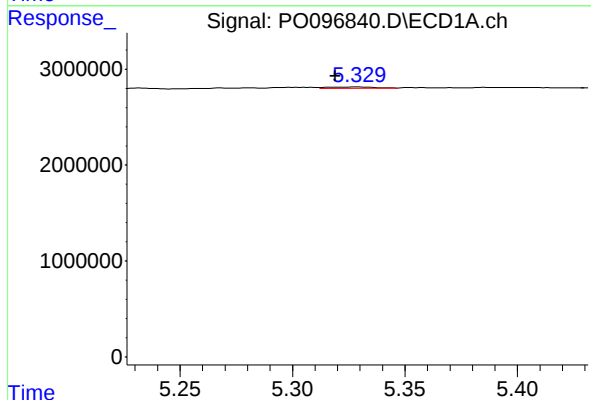
R.T.: 4.790 min
Delta R.T.: 0.008 min
Response: 260351
Conc: 3.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



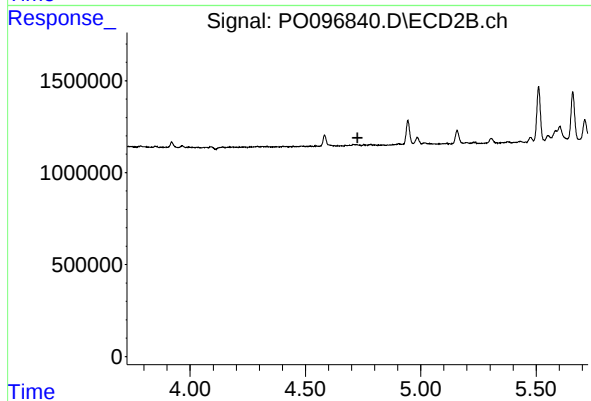
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.996 min
Response: 0
Conc: N.D.



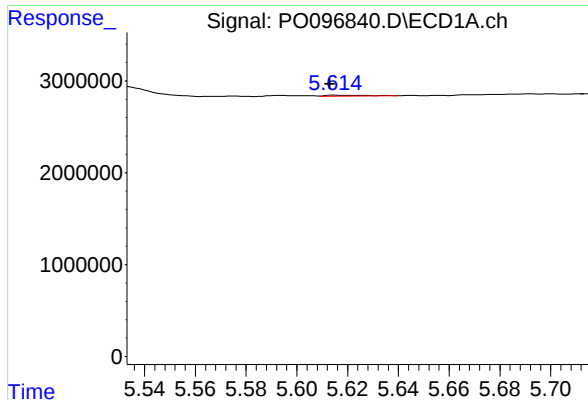
#12 AR-1232-2

R.T.: 5.329 min
Delta R.T.: 0.010 min
Response: 237769
Conc: 6.00 ng/ml



#12 AR-1232-2

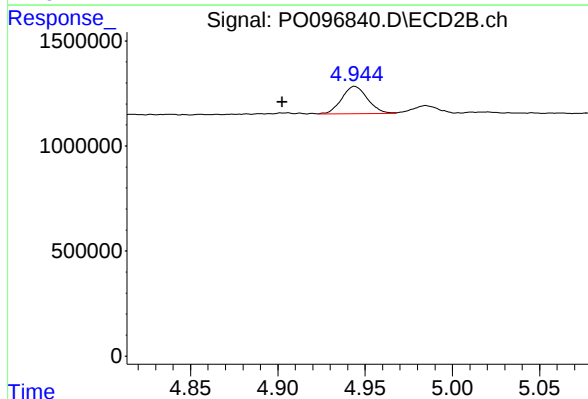
R.T.: 0.000 min
Exp R.T. : 4.726 min
Response: 0
Conc: N.D.



#13 AR-1232-3

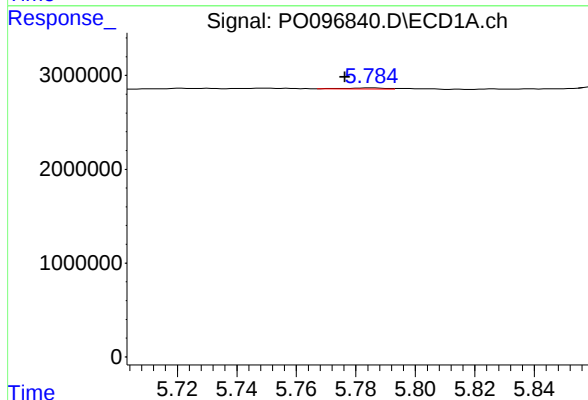
R.T.: 5.616 min
Delta R.T.: 0.003 min
Response: 122787
Conc: 2.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



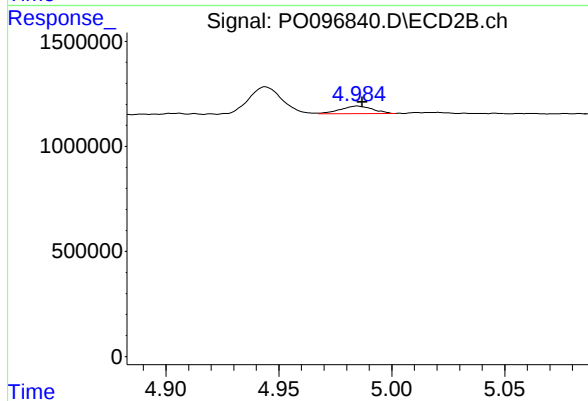
#13 AR-1232-3

R.T.: 4.944 min
Delta R.T.: 0.042 min
Response: 1335746
Conc: 88.10 ng/ml



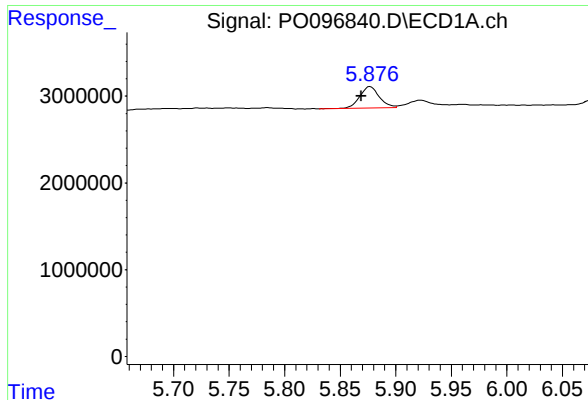
#14 AR-1232-4

R.T.: 5.785 min
Delta R.T.: 0.008 min
Response: 95625
Conc: 3.13 ng/ml



#14 AR-1232-4

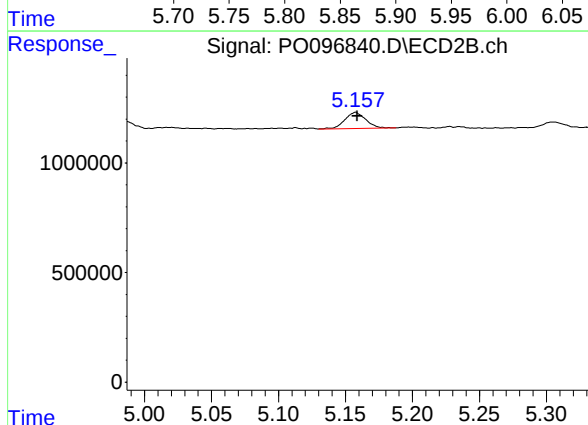
R.T.: 4.985 min
Delta R.T.: -0.002 min
Response: 367563
Conc: 24.59 ng/ml



#15 AR-1232-5

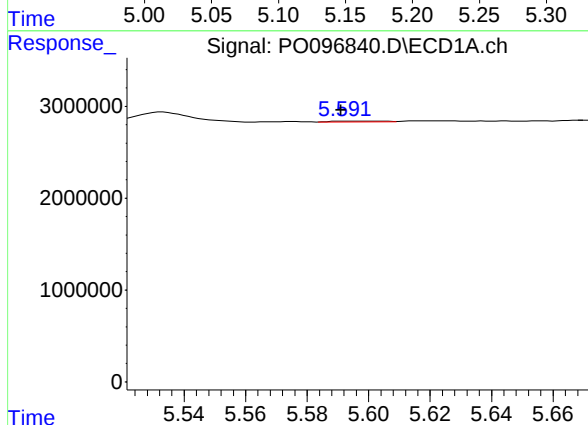
R.T.: 5.877 min
Delta R.T.: 0.008 min
Response: 2967444
Conc: 106.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



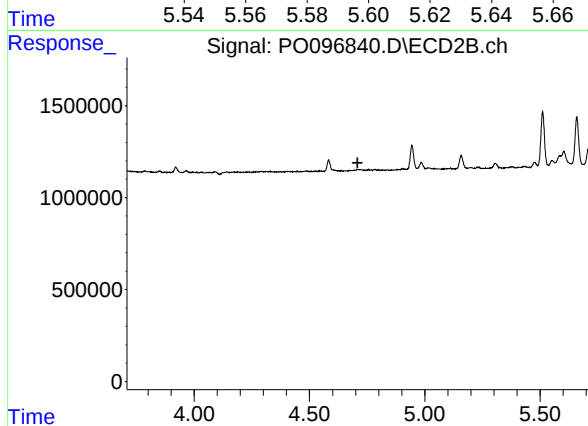
#15 AR-1232-5

R.T.: 5.158 min
Delta R.T.: -0.001 min
Response: 795520
Conc: 48.67 ng/ml



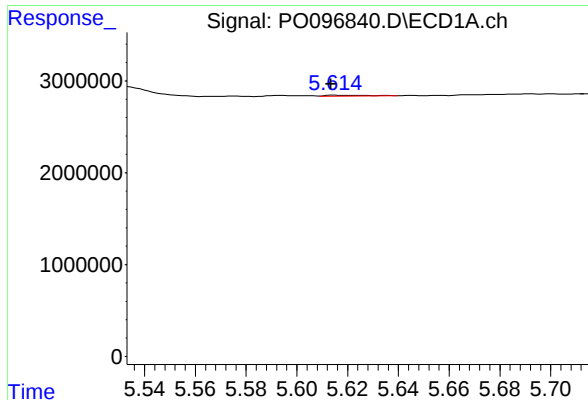
#16 AR-1242-1

R.T.: 5.593 min
Delta R.T.: 0.002 min
Response: 118209
Conc: 1.41 ng/ml



#16 AR-1242-1

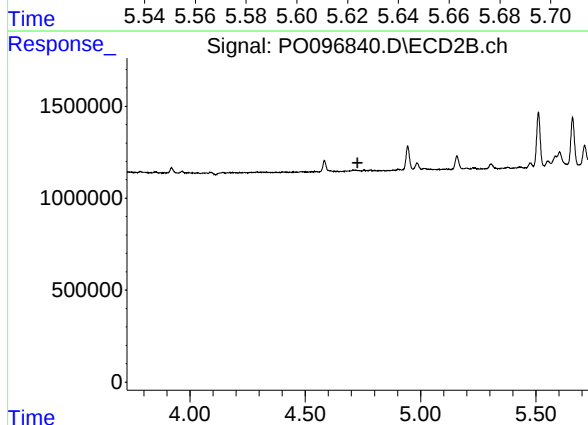
R.T.: 0.000 min
Exp R.T.: 4.708 min
Response: 0
Conc: N.D.



#17 AR-1242-2

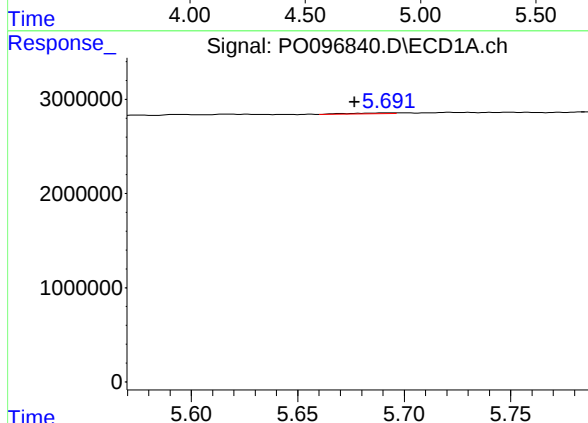
R.T.: 5.616 min
Delta R.T.: 0.002 min
Response: 122787
Conc: 1.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



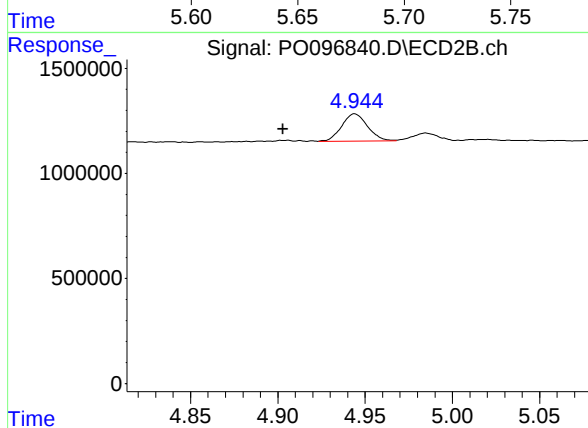
#17 AR-1242-2

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



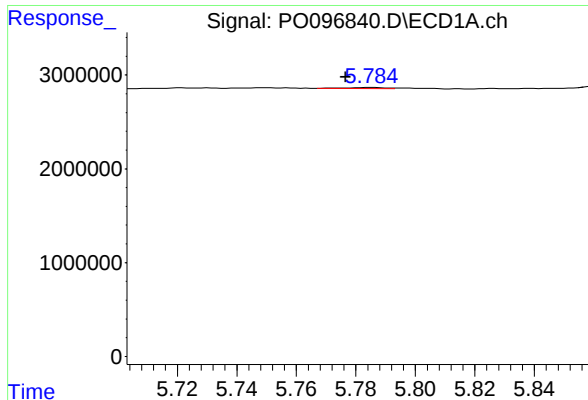
#18 AR-1242-3

R.T.: 5.692 min
Delta R.T.: 0.015 min
Response: 125922
Conc: 1.70 ng/ml



#18 AR-1242-3

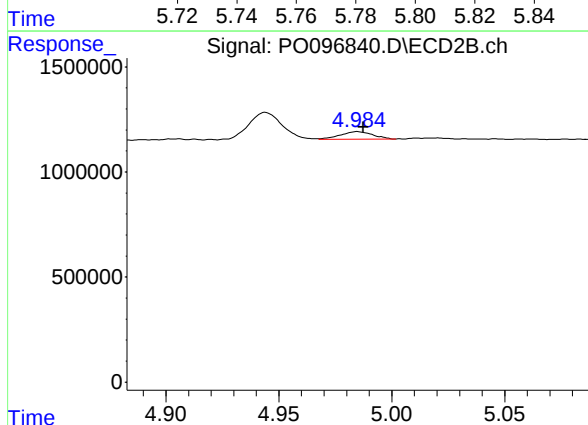
R.T.: 4.944 min
Delta R.T.: 0.041 min
Response: 1335746
Conc: 45.17 ng/ml



#19 AR-1242-4

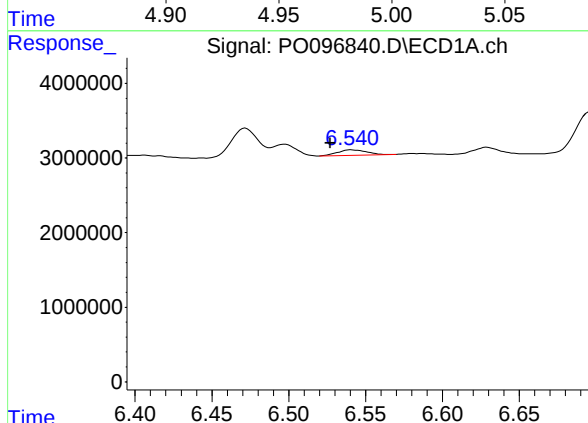
R.T.: 5.785 min
Delta R.T.: 0.008 min
Response: 95625
Conc: 1.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



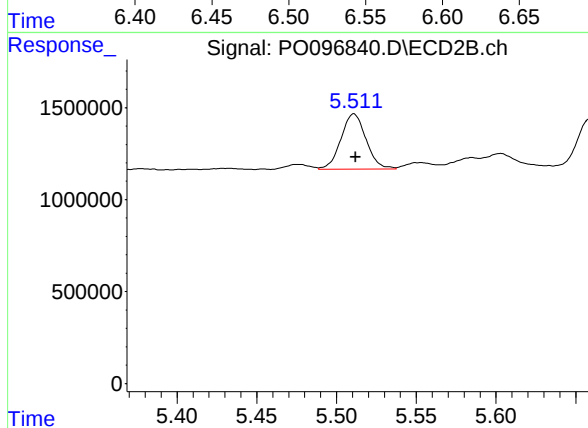
#19 AR-1242-4

R.T.: 4.985 min
Delta R.T.: -0.003 min
Response: 367563
Conc: 11.66 ng/ml



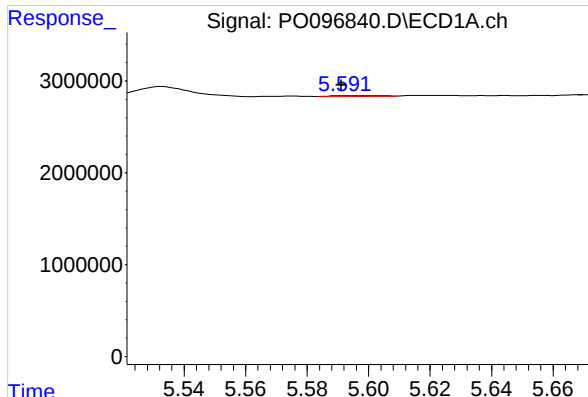
#20 AR-1242-5

R.T.: 6.540 min
Delta R.T.: 0.013 min
Response: 992346
Conc: 18.04 ng/ml



#20 AR-1242-5

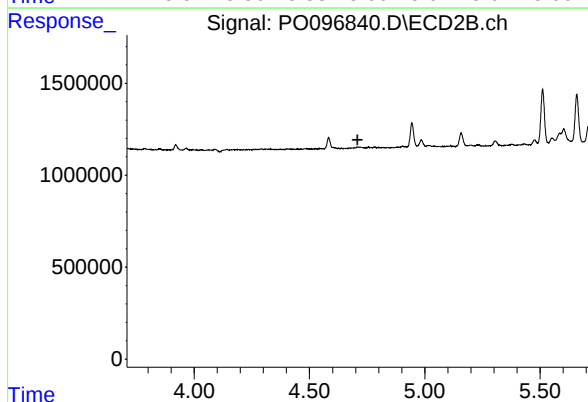
R.T.: 5.511 min
Delta R.T.: -0.001 min
Response: 3278057
Conc: 89.97 ng/ml



#21 AR-1248-1

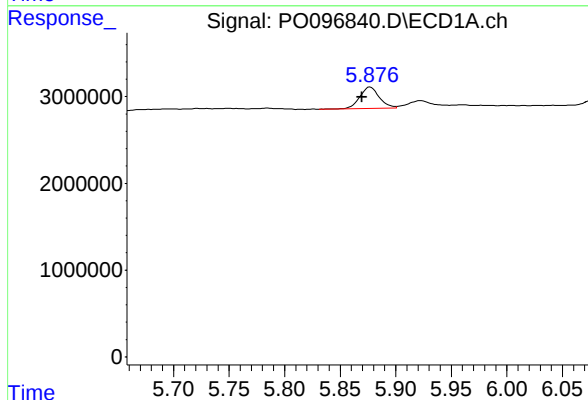
R.T.: 5.593 min
Delta R.T.: 0.002 min
Response: 118209
Conc: 2.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



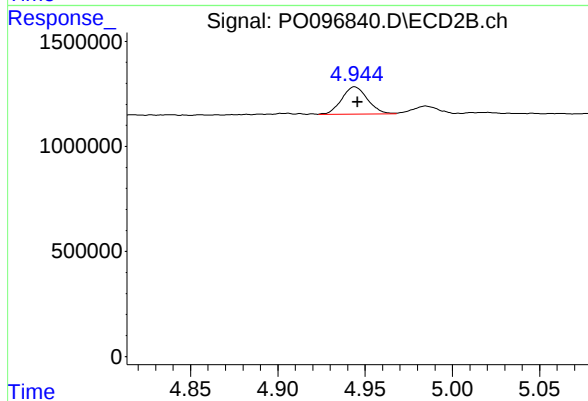
#21 AR-1248-1

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



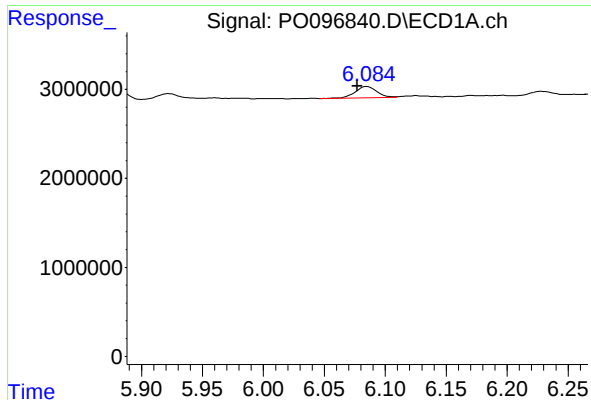
#22 AR-1248-2

R.T.: 5.877 min
Delta R.T.: 0.007 min
Response: 2967444
Conc: 31.56 ng/ml



#22 AR-1248-2

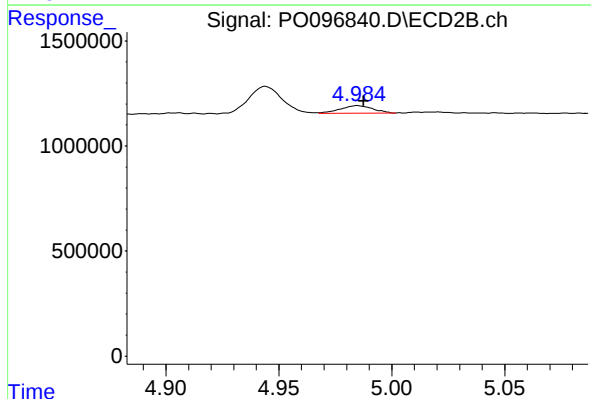
R.T.: 4.944 min
Delta R.T.: -0.002 min
Response: 1335746
Conc: 31.52 ng/ml



#23 AR-1248-3

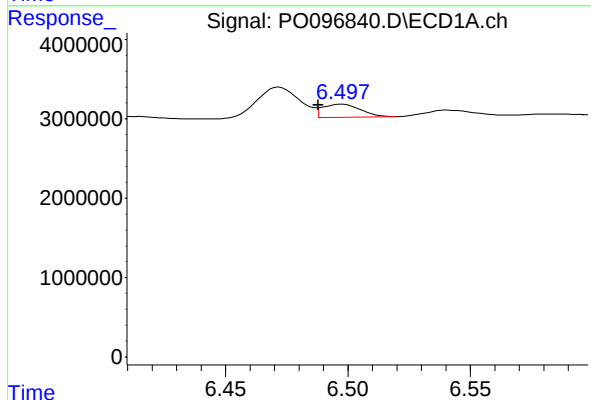
R.T.: 6.085 min
Delta R.T.: 0.008 min
Response: 1574113
Conc: 16.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



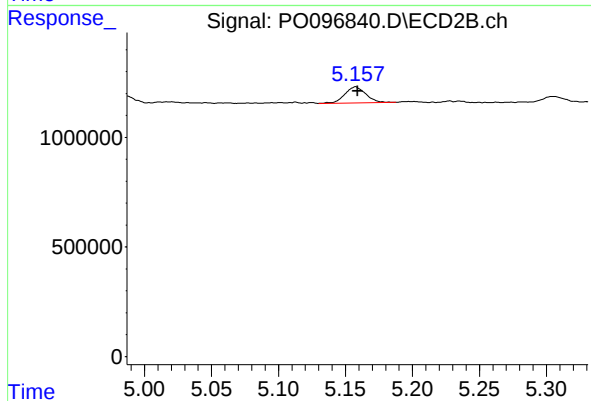
#23 AR-1248-3

R.T.: 4.985 min
Delta R.T.: -0.003 min
Response: 367563
Conc: 8.38 ng/ml



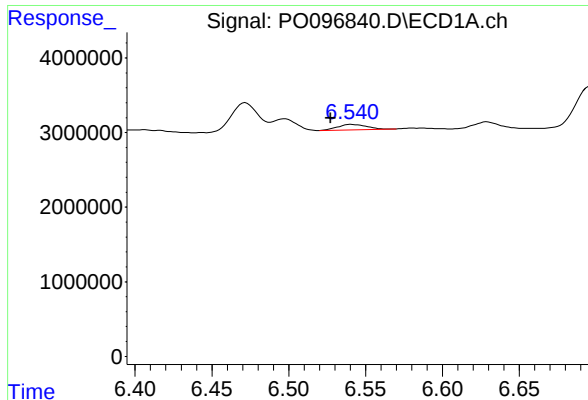
#24 AR-1248-4

R.T.: 6.497 min
Delta R.T.: 0.009 min
Response: 1775192
Conc: 19.54 ng/ml



#24 AR-1248-4

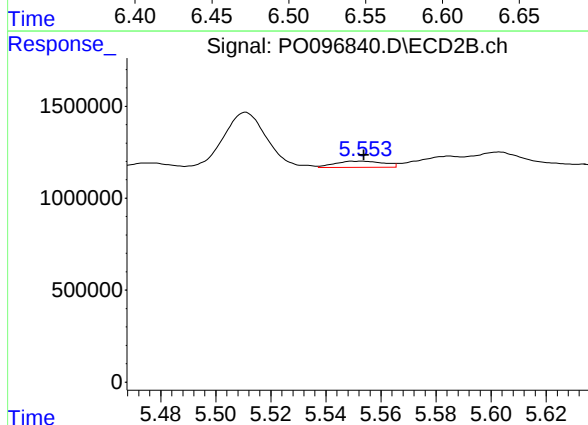
R.T.: 5.158 min
Delta R.T.: -0.002 min
Response: 795520
Conc: 15.58 ng/ml



#25 AR-1248-5

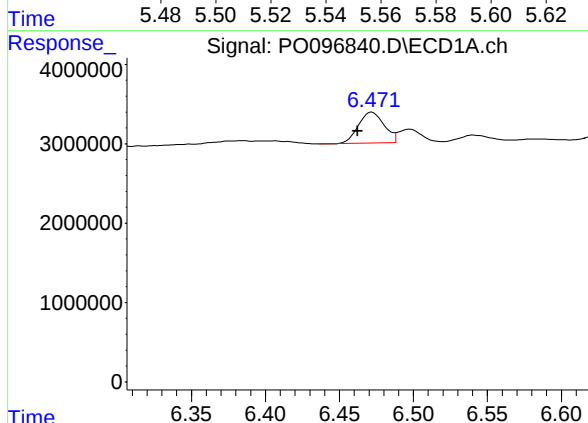
R.T.: 6.540 min
Delta R.T.: 0.013 min
Response: 992346
Conc: 11.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



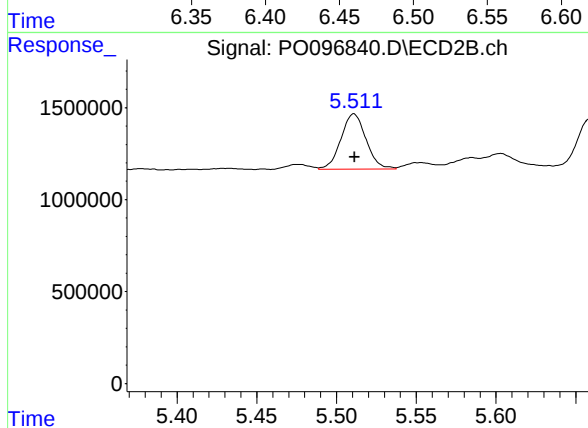
#25 AR-1248-5

R.T.: 5.553 min
Delta R.T.: -0.001 min
Response: 405731
Conc: 8.68 ng/ml



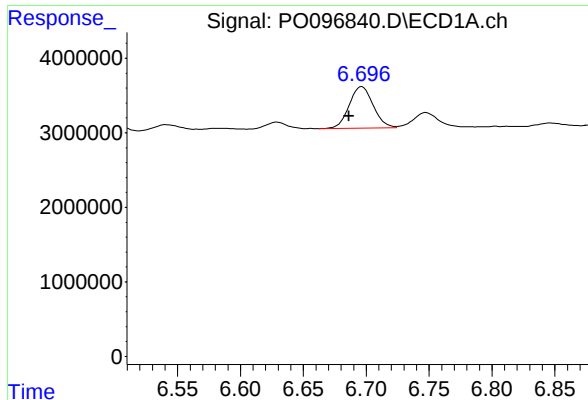
#26 AR-1254-1

R.T.: 6.472 min
Delta R.T.: 0.009 min
Response: 4684048
Conc: 42.86 ng/ml



#26 AR-1254-1

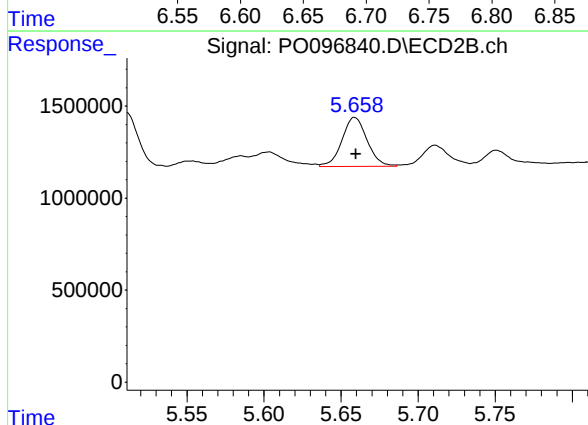
R.T.: 5.511 min
Delta R.T.: 0.000 min
Response: 3278057
Conc: 44.42 ng/ml



#27 AR-1254-2

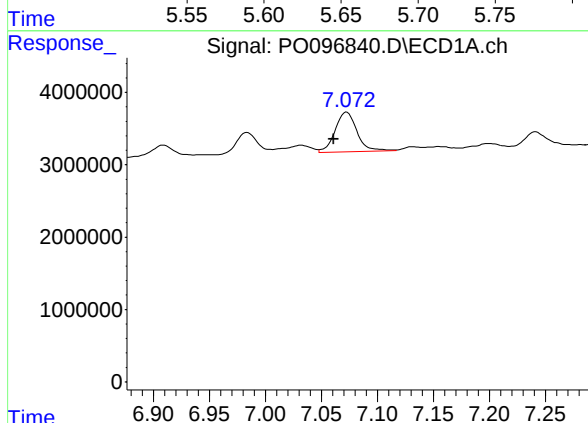
R.T.: 6.696 min
Delta R.T.: 0.010 min
Response: 7407371
Conc: 45.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



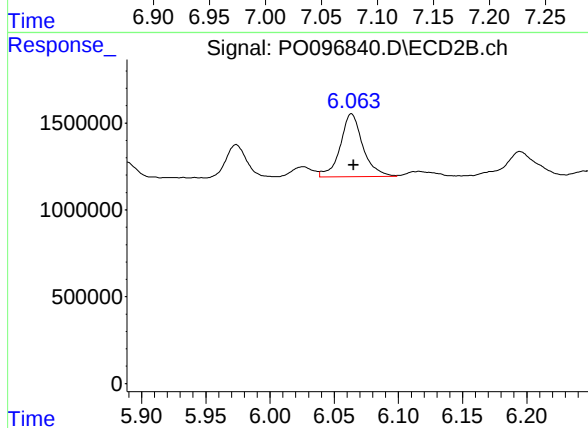
#27 AR-1254-2

R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 3001145
Conc: 45.55 ng/ml



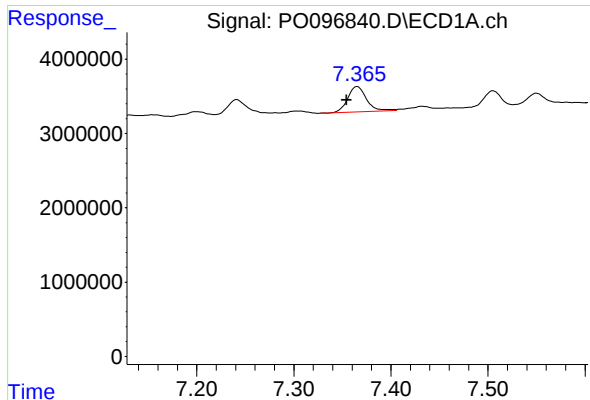
#28 AR-1254-3

R.T.: 7.073 min
Delta R.T.: 0.011 min
Response: 7451312
Conc: 47.55 ng/ml



#28 AR-1254-3

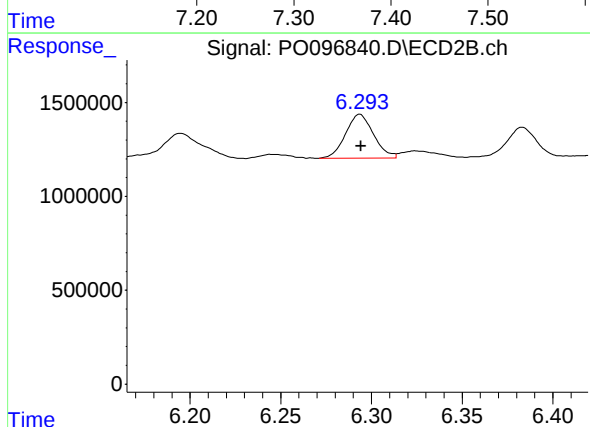
R.T.: 6.063 min
Delta R.T.: -0.002 min
Response: 4441762
Conc: 43.95 ng/ml



#29 AR-1254-4

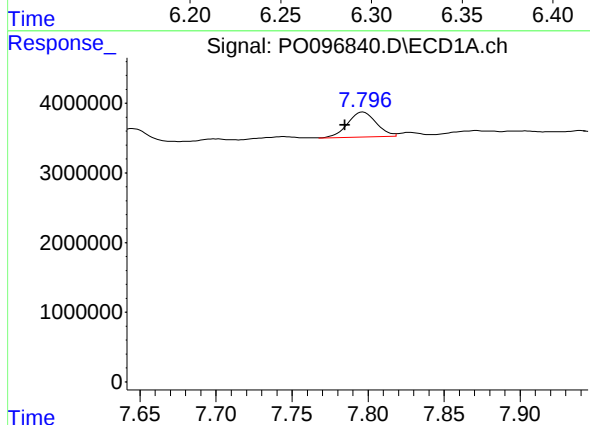
R.T.: 7.365 min
Delta R.T.: 0.011 min
Response: 4601964
Conc: 45.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



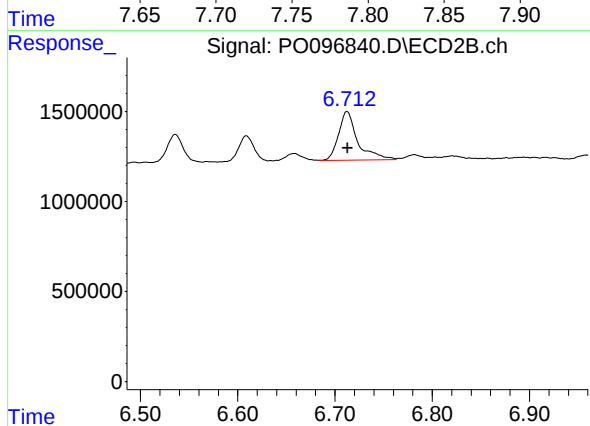
#29 AR-1254-4

R.T.: 6.294 min
Delta R.T.: 0.000 min
Response: 2502167
Conc: 43.23 ng/ml



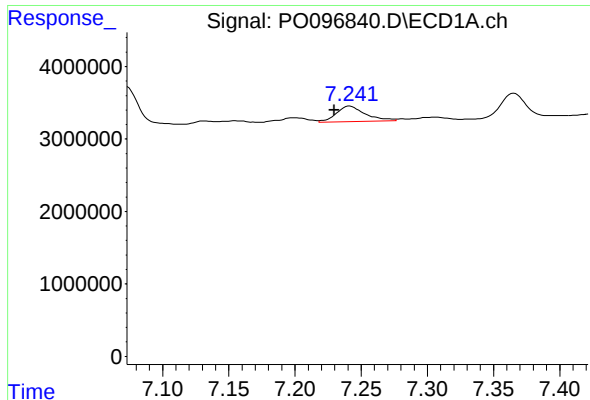
#30 AR-1254-5

R.T.: 7.797 min
Delta R.T.: 0.012 min
Response: 4715210
Conc: 42.02 ng/ml



#30 AR-1254-5

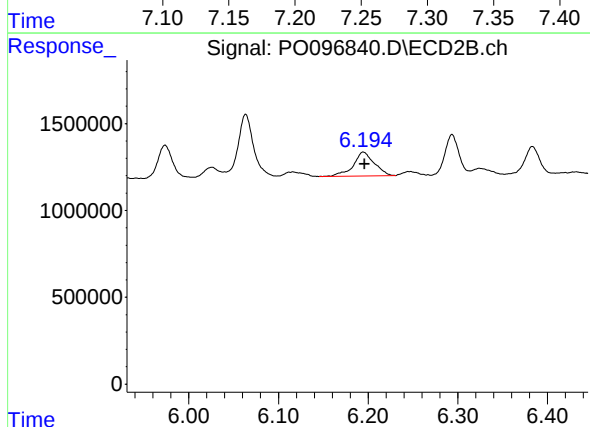
R.T.: 6.712 min
Delta R.T.: 0.000 min
Response: 3720540
Conc: 42.32 ng/ml



#31 AR-1260-1

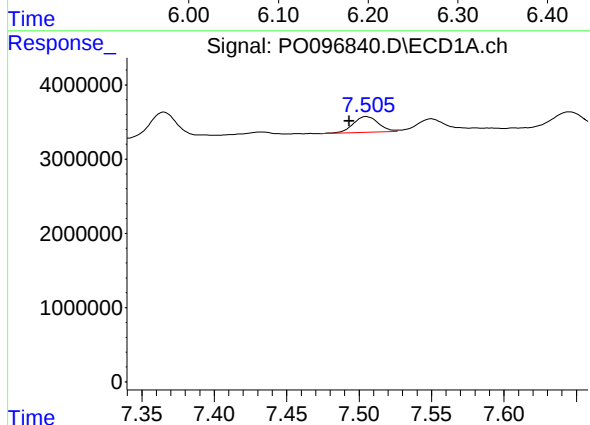
R.T.: 7.241 min
Delta R.T.: 0.011 min
Response: 3250976
Conc: 25.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



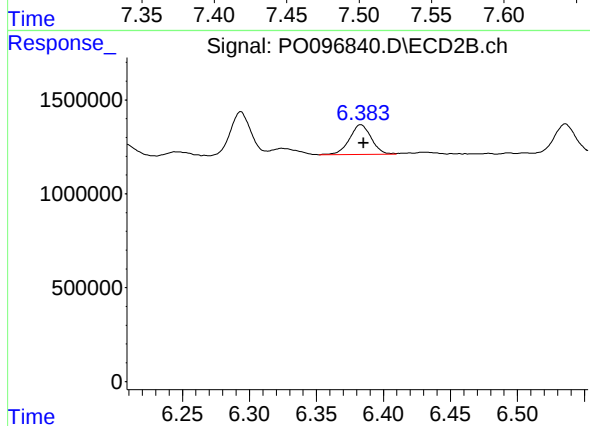
#31 AR-1260-1

R.T.: 6.195 min
Delta R.T.: -0.001 min
Response: 2256436
Conc: 32.07 ng/ml



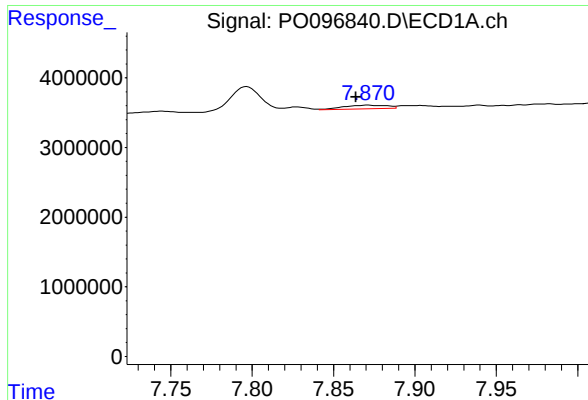
#32 AR-1260-2

R.T.: 7.505 min
Delta R.T.: 0.012 min
Response: 2583226
Conc: 19.17 ng/ml



#32 AR-1260-2

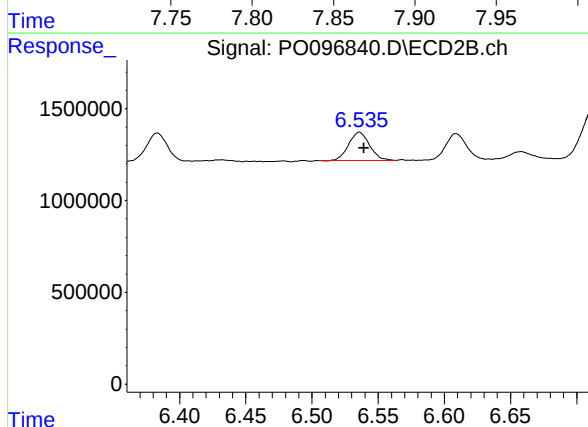
R.T.: 6.383 min
Delta R.T.: -0.002 min
Response: 1790379
Conc: 21.45 ng/ml



#33 AR-1260-3

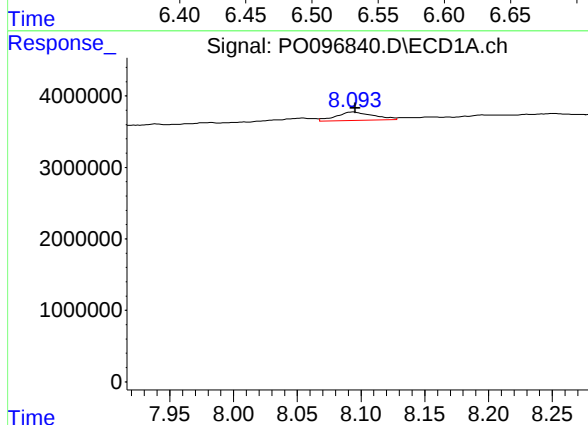
R.T.: 7.871 min
Delta R.T.: 0.007 min
Response: 975646
Conc: 9.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



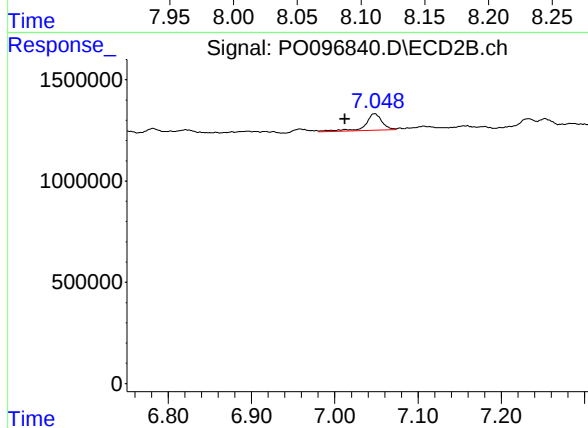
#33 AR-1260-3

R.T.: 6.536 min
Delta R.T.: -0.003 min
Response: 1694581
Conc: 21.94 ng/ml



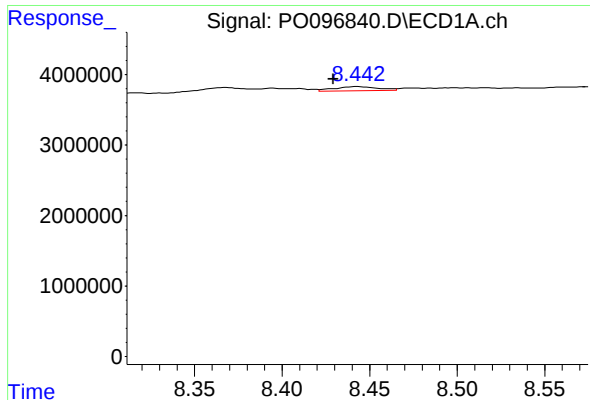
#34 AR-1260-4

R.T.: 8.094 min
Delta R.T.: -0.002 min
Response: 2436783
Conc: 21.80 ng/ml



#34 AR-1260-4

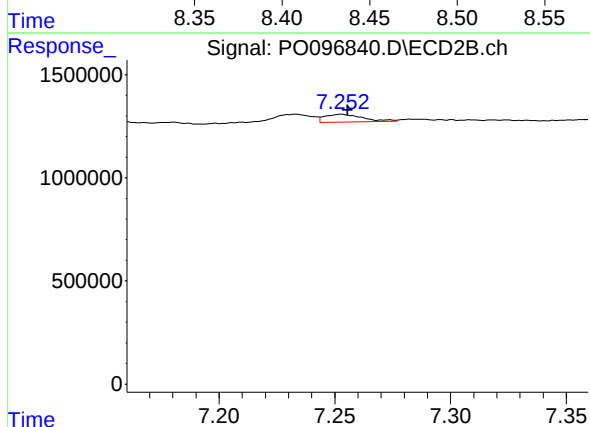
R.T.: 7.048 min
Delta R.T.: 0.036 min
Response: 1138400
Conc: 17.76 ng/ml



#35 AR-1260-5

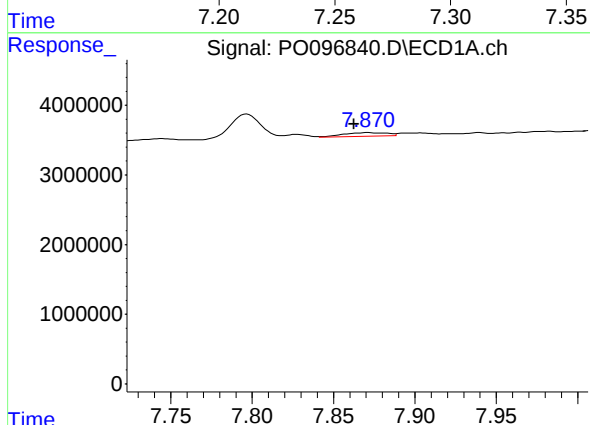
R.T.: 8.443 min
Delta R.T.: 0.013 min
Response: 1012345
Conc: 4.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



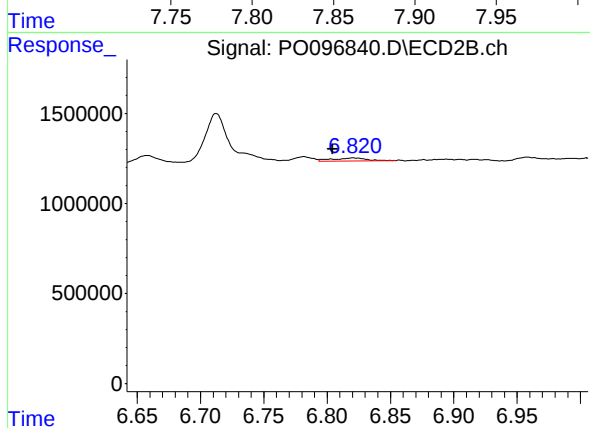
#35 AR-1260-5

R.T.: 7.253 min
Delta R.T.: -0.003 min
Response: 430197
Conc: 3.10 ng/ml



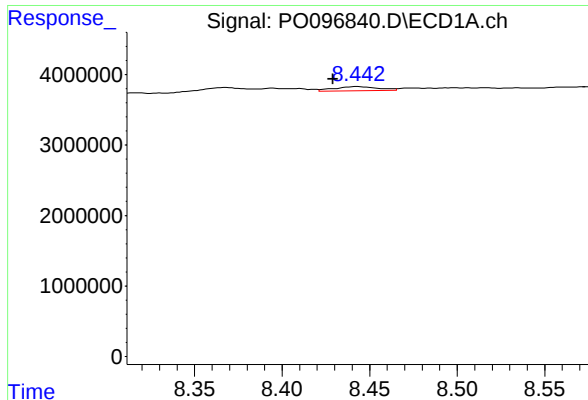
#36 AR-1262-1

R.T.: 7.871 min
Delta R.T.: 0.008 min
Response: 975646
Conc: 6.57 ng/ml



#36 AR-1262-1

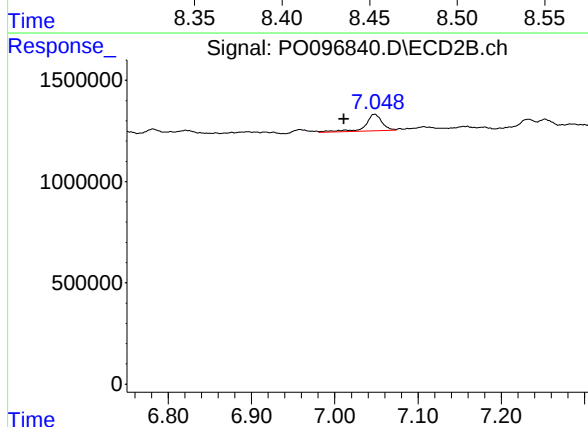
R.T.: 6.821 min
Delta R.T.: 0.016 min
Response: 323800
Conc: 8.22 ng/ml



#37 AR-1262-2

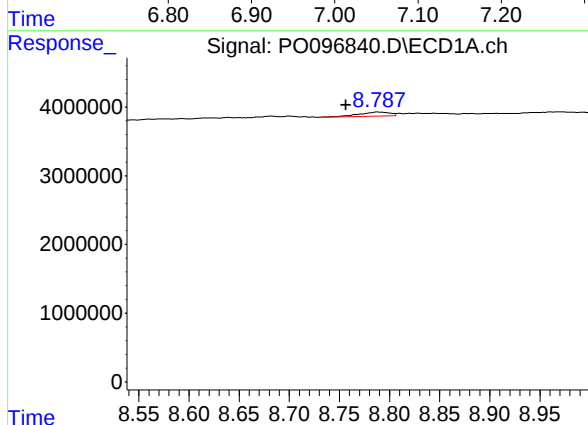
R.T.: 8.443 min
Delta R.T.: 0.014 min
Response: 1012345
Conc: 4.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



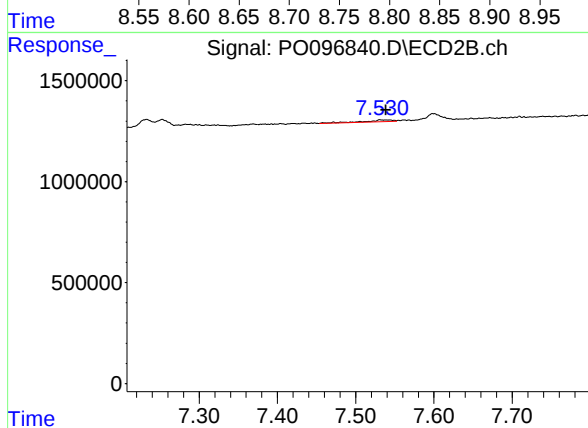
#37 AR-1262-2

R.T.: 7.048 min
Delta R.T.: 0.037 min
Response: 1138400
Conc: 14.04 ng/ml



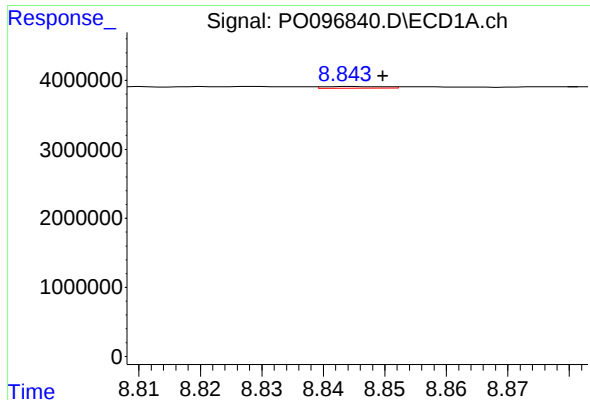
#38 AR-1262-3

R.T.: 8.788 min
Delta R.T.: 0.031 min
Response: 1353902
Conc: 8.12 ng/ml



#38 AR-1262-3

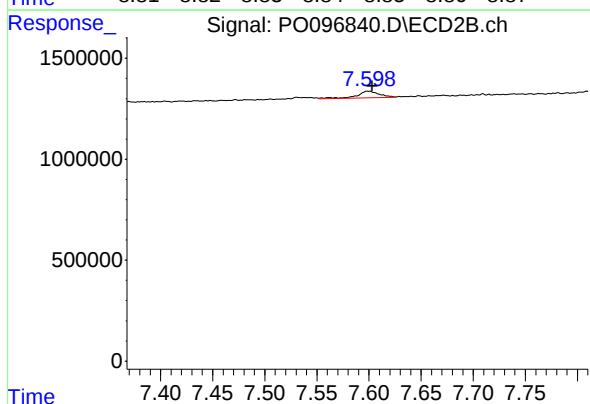
R.T.: 7.531 min
Delta R.T.: -0.008 min
Response: 212655
Conc: 3.31 ng/ml



#39 AR-1262-4

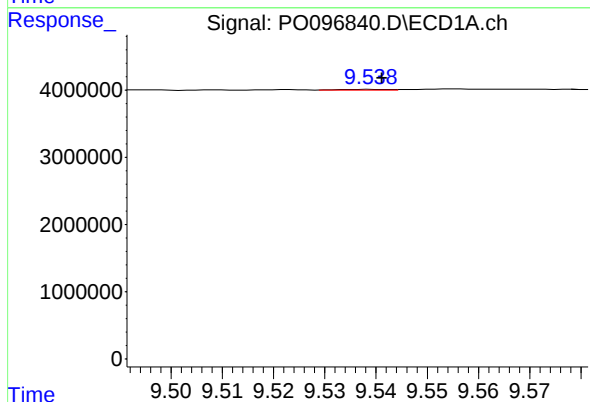
R.T.: 8.844 min
Delta R.T.: -0.006 min
Response: 176995
Conc: 2.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



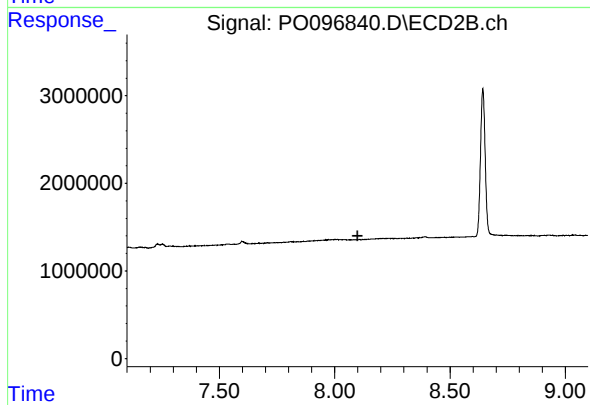
#39 AR-1262-4

R.T.: 7.599 min
Delta R.T.: -0.004 min
Response: 485033
Conc: 4.27 ng/ml



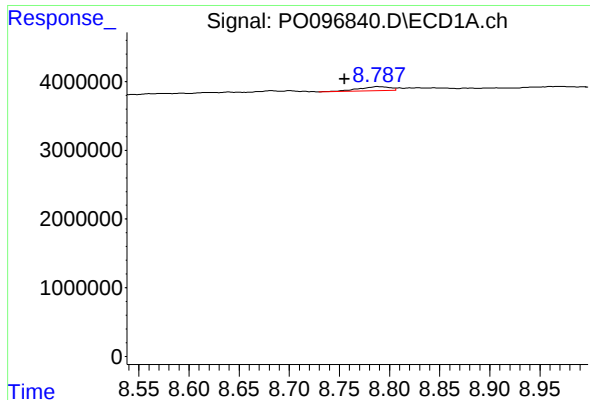
#40 AR-1262-5

R.T.: 9.539 min
Delta R.T.: -0.002 min
Response: 70046
Conc: 0.84 ng/ml



#40 AR-1262-5

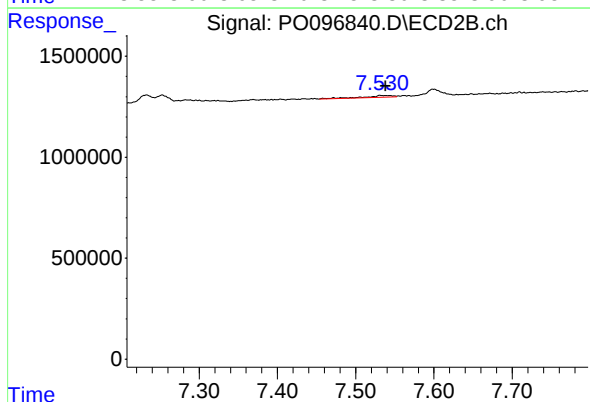
R.T.: 0.000 min
Exp R.T.: 8.099 min
Response: 0
Conc: N.D.



#41 AR-1268-1

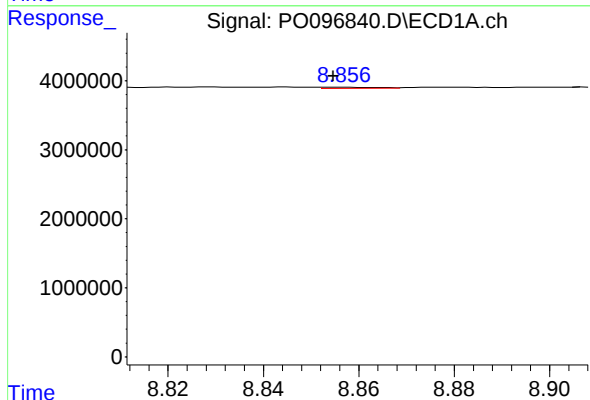
R.T.: 8.788 min
Delta R.T.: 0.033 min
Response: 1353902
Conc: 4.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



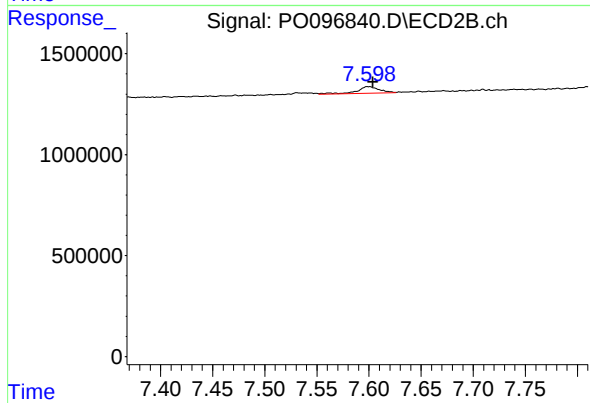
#41 AR-1268-1

R.T.: 7.531 min
Delta R.T.: -0.007 min
Response: 212655
Conc: 1.15 ng/ml



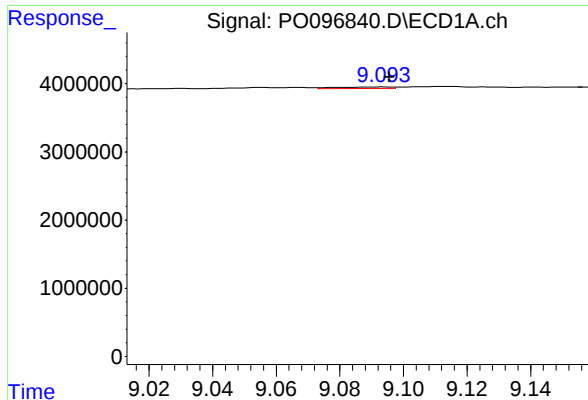
#42 AR-1268-2

R.T.: 8.857 min
Delta R.T.: 0.002 min
Response: 142509
Conc: 0.52 ng/ml



#42 AR-1268-2

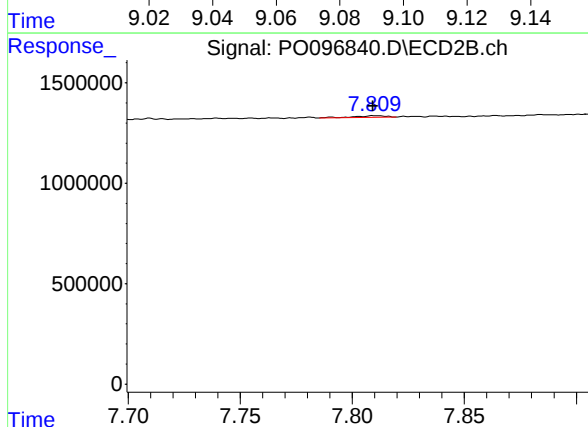
R.T.: 7.599 min
Delta R.T.: -0.004 min
Response: 485033
Conc: 2.89 ng/ml



#43 AR-1268-3

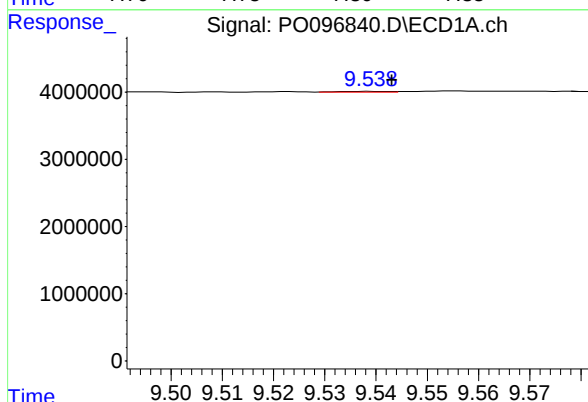
R.T.: 9.094 min
Delta R.T.: -0.002 min
Response: 263411
Conc: 1.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



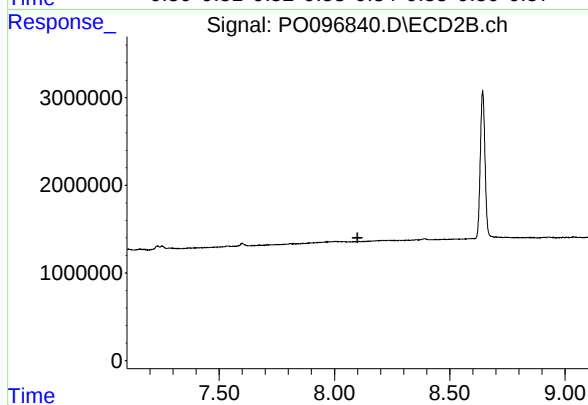
#43 AR-1268-3

R.T.: 7.810 min
Delta R.T.: 0.000 min
Response: 87106
Conc: 0.60 ng/ml



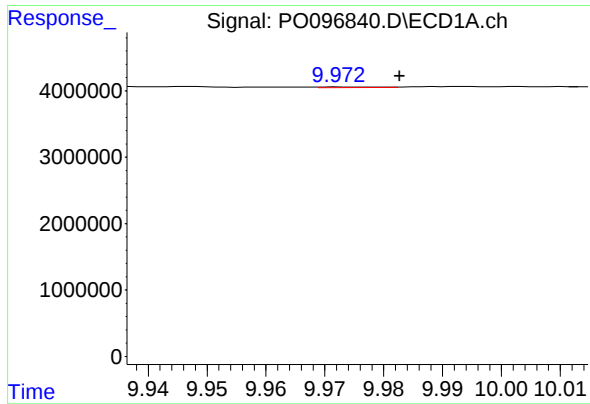
#44 AR-1268-4

R.T.: 9.539 min
Delta R.T.: -0.004 min
Response: 70046
Conc: 0.76 ng/ml



#44 AR-1268-4

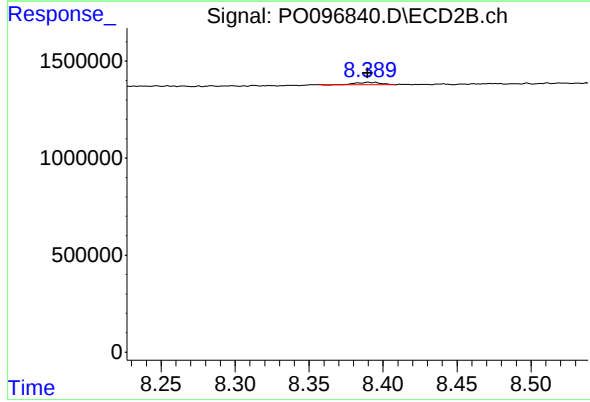
R.T.: 0.000 min
Exp R.T. : 8.100 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.973 min
Delta R.T.: -0.010 min
Response: 60053
Conc: 0.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.394 min
Delta R.T.: 0.004 min
Response: 130610
Conc: 0.31 ng/ml