

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082223\
 Data File : P0097393.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2023 20:01
 Operator : YP/AJ
 Sample : PB155011BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 01:40:32 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...	4.408	3.612	59042670	23115622	17.837	17.462
2) SA Decachlor...	10.342	8.623	42940704	21225281	19.624	18.346
Target Compounds						
3) L1 AR-1016-1	5.585	0.000	729666	0	7.747	N.D. #
4) L1 AR-1016-2	5.610	0.000	309315	0	2.312	N.D. #
5) L1 AR-1016-3	5.676	4.934	498024	299440	5.723	9.166 #
6) L1 AR-1016-4	5.771	4.934	73790	299440	1.099	10.475 #
7) L1 AR-1016-5	6.082	5.145	724666	281817	10.380	7.330 #
8) L2 AR-1221-1	4.616	0.000	290311	0	7.123	N.D. #
9) L2 AR-1221-2	4.689	3.911	91296	385850	3.005	29.863 #
10) L2 AR-1221-3	4.791	3.957f	235746	151176	2.693	3.809 #
11) L3 AR-1232-1	4.791	3.957f	235746	151176	3.232	4.674 #
12) L3 AR-1232-2	5.292	0.000	13254	0	0.334	N.D. #
13) L3 AR-1232-3	5.610	4.934	309315	299440	5.056	19.750 #
14) L3 AR-1232-4	5.771	4.934f	73790	299440	2.418	20.037 #
15) L3 AR-1232-5	5.873	5.145	659435	281817	23.565	17.240 #
16) L4 AR-1242-1	5.585	0.000	729666	0	8.705	N.D. #
17) L4 AR-1242-2	5.610	0.000	309315	0	2.627	N.D. #
18) L4 AR-1242-3	5.676	4.934	498024	299440	6.742	10.127 #
19) L4 AR-1242-4	5.771	4.934f	73790	299440	1.240	9.502 #
20) L4 AR-1242-5	6.537	5.498	1314804	2873993	23.897	78.877 #
21) L5 AR-1248-1	5.585	0.000	729666	0	12.453	N.D. #
22) L5 AR-1248-2	5.873	4.934	659435	299440	7.014	7.065
23) L5 AR-1248-3	6.082	4.934f	724666	299440	7.409	6.826
24) L5 AR-1248-4	6.493	5.145	1874927	281817	20.639	5.520 #
25) L5 AR-1248-5	6.537	5.541	1314804	463997	14.926	9.925 #
26) L6 AR-1254-1	6.467	5.498	3774828	2873993	34.539	38.945
27) L6 AR-1254-2	6.692	5.647	9516856	4911863	59.027	74.557 #
28) L6 AR-1254-3	7.068	6.051	17029540	10926814	108.678	108.119
29) L6 AR-1254-4	7.361	6.281	26802292	11757088	265.848	203.147
30) L6 AR-1254-5	7.791	6.700	28019512	17837370	249.696	202.893
31) L7 AR-1260-1	7.236	6.182	12741566	8338625	101.375	118.500
32) L7 AR-1260-2	7.500	6.370	26862183	8071889	199.370	96.712 #
33) L7 AR-1260-3	7.858	6.522	4123185	6776435	39.732	87.755 #
34) L7 AR-1260-4	8.088	6.997	23095121	1428001	206.569	22.284 #
35) L7 AR-1260-5	8.434	7.240	4830851	2964469	23.006	21.383
36) L8 AR-1262-1	7.858	6.789	4123185	435614	27.761	11.065 #
37) L8 AR-1262-2	8.434	6.997	4830851	1428001	20.871	17.607
38) L8 AR-1262-3	8.776	7.525	3517481	198673	21.088	3.096 #
39) L8 AR-1262-4	8.832	7.585	396233	3099851	5.435	27.287 #
40) L8 AR-1262-5	9.545	8.082	915233	129197	10.990	2.460 #
41) L9 AR-1268-1	8.776	7.525	3517481	198673	11.443	1.072 #

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 Integrator: ChemStation

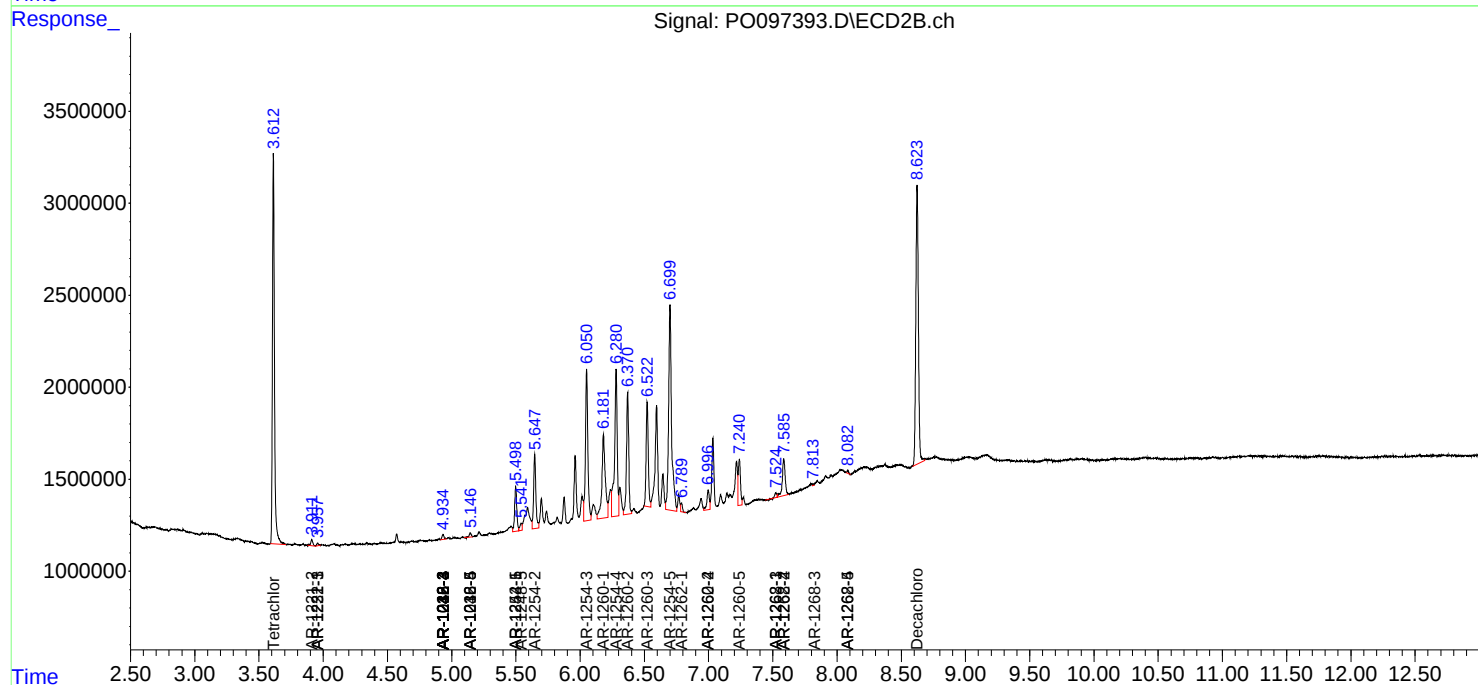
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

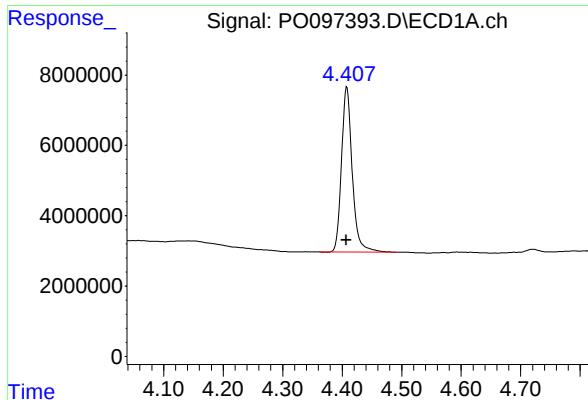
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.875	7.585	14036	3099851	0.051	18.486 #
43) L9	AR-1268-3	9.112	7.814	4011641	55506	15.708	0.384 #
44) L9	AR-1268-4	9.545	8.082	915233	129197	9.872	2.169 #
45) L9	AR-1268-5	9.980	0.000	855841	0	1.060	N.D. #

(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

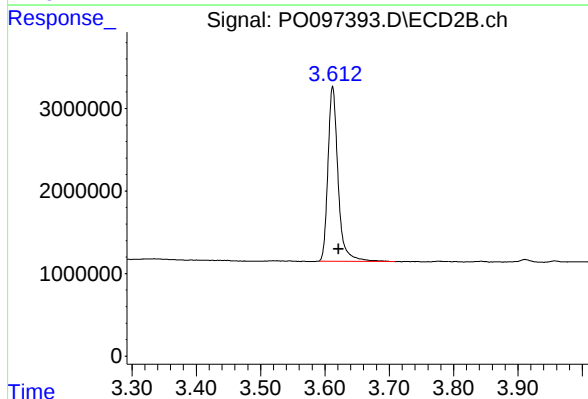




#1 Tetrachloro-m-xylene

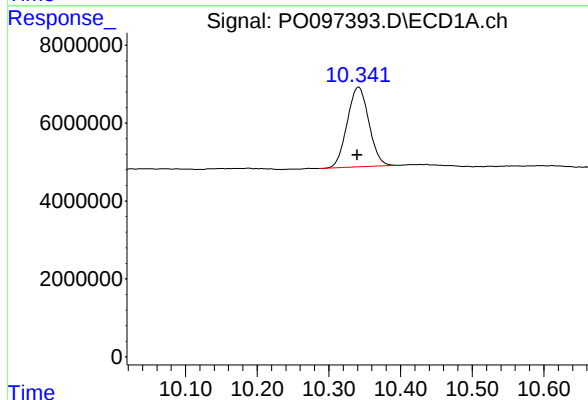
R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 59042670
Conc: 17.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



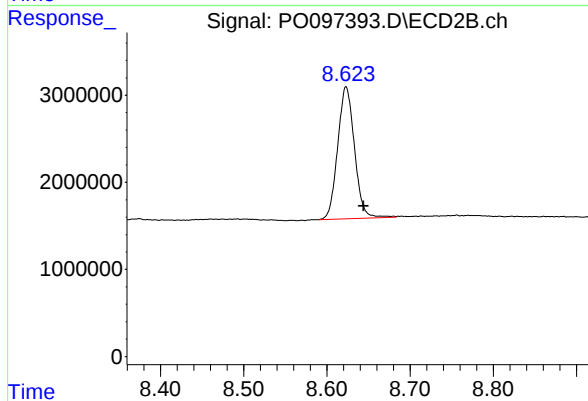
#1 Tetrachloro-m-xylene

R.T.: 3.612 min
Delta R.T.: -0.009 min
Response: 23115622
Conc: 17.46 ng/ml



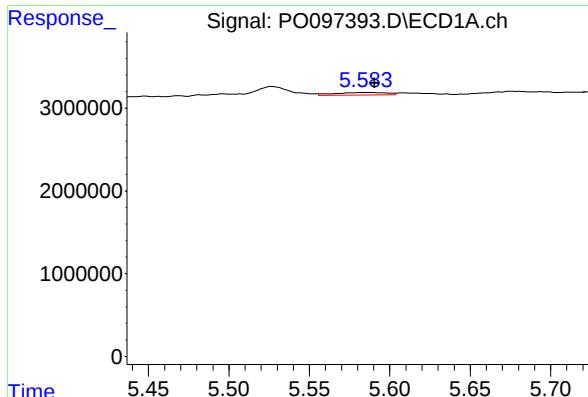
#2 Decachlorobiphenyl

R.T.: 10.342 min
Delta R.T.: 0.002 min
Response: 42940704
Conc: 19.62 ng/ml



#2 Decachlorobiphenyl

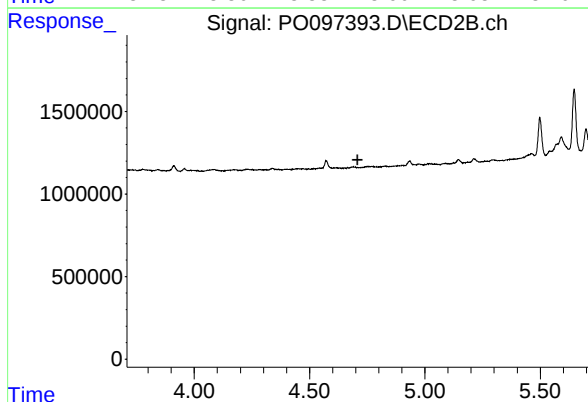
R.T.: 8.623 min
Delta R.T.: -0.021 min
Response: 21225281
Conc: 18.35 ng/ml



#3 AR-1016-1

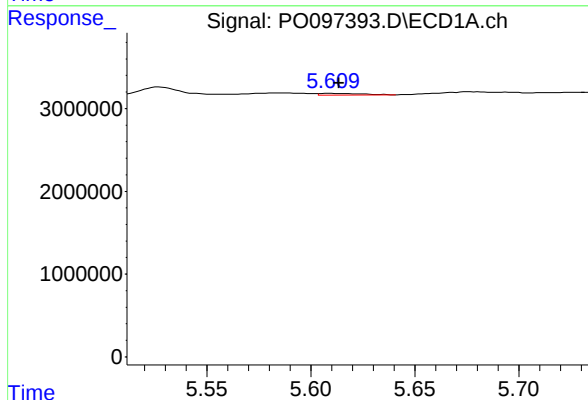
R.T.: 5.585 min
Delta R.T.: -0.006 min
Response: 729666
Conc: 7.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



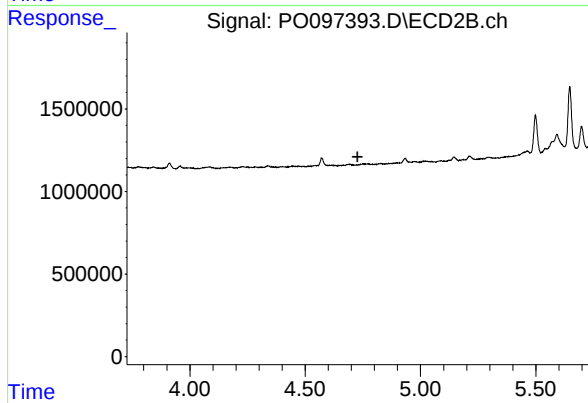
#3 AR-1016-1

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



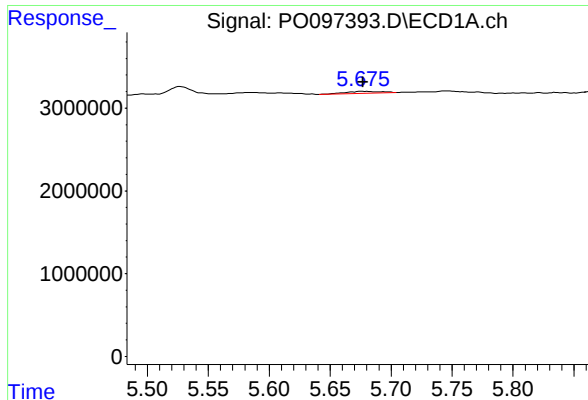
#4 AR-1016-2

R.T.: 5.610 min
Delta R.T.: -0.004 min
Response: 309315
Conc: 2.31 ng/ml



#4 AR-1016-2

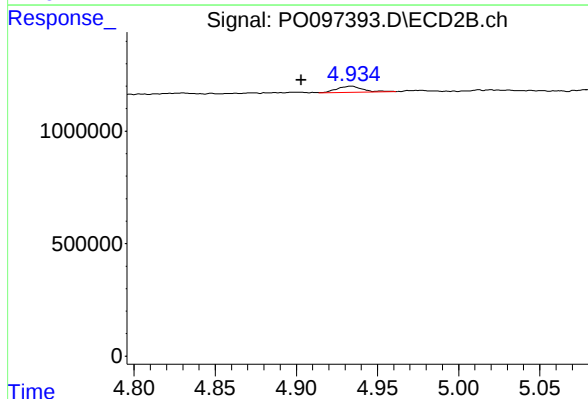
R.T.: 0.000 min
Exp R.T. : 4.726 min
Response: 0
Conc: N.D.



#5 AR-1016-3

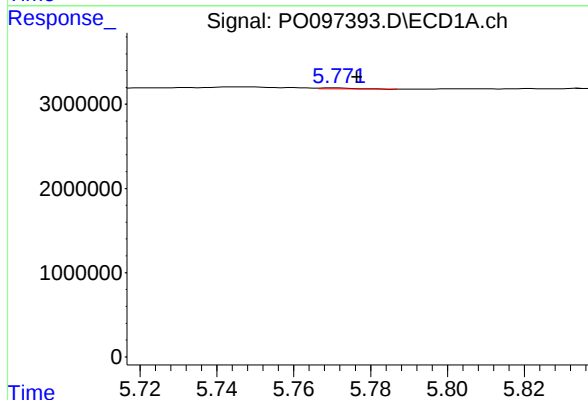
R.T.: 5.676 min
Delta R.T.: -0.001 min
Response: 498024
Conc: 5.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



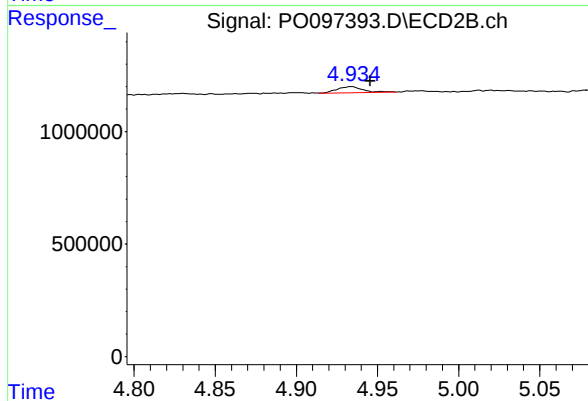
#5 AR-1016-3

R.T.: 4.934 min
Delta R.T.: 0.031 min
Response: 299440
Conc: 9.17 ng/ml



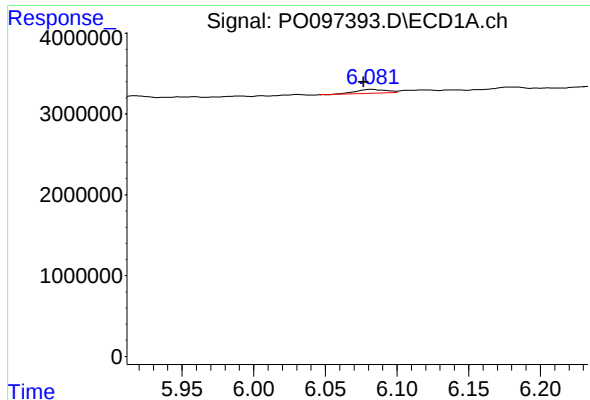
#6 AR-1016-4

R.T.: 5.771 min
Delta R.T.: -0.005 min
Response: 73790
Conc: 1.10 ng/ml



#6 AR-1016-4

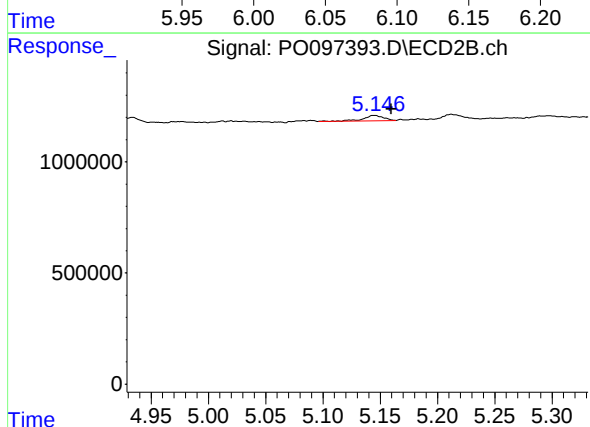
R.T.: 4.934 min
Delta R.T.: -0.012 min
Response: 299440
Conc: 10.47 ng/ml



#7 AR-1016-5

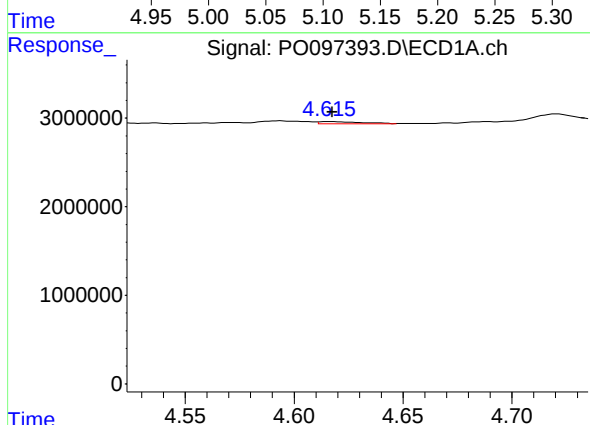
R.T.: 6.082 min
Delta R.T.: 0.005 min
Response: 724666
Conc: 10.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



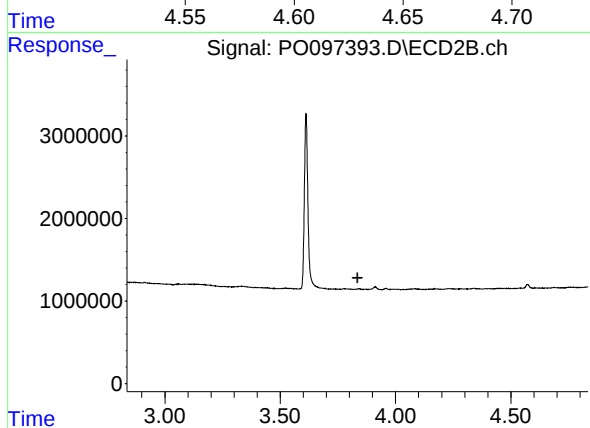
#7 AR-1016-5

R.T.: 5.145 min
Delta R.T.: -0.015 min
Response: 281817
Conc: 7.33 ng/ml



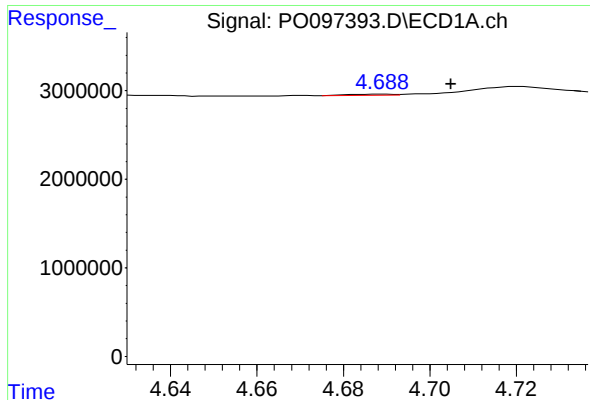
#8 AR-1221-1

R.T.: 4.616 min
Delta R.T.: -0.002 min
Response: 290311
Conc: 7.12 ng/ml



#8 AR-1221-1

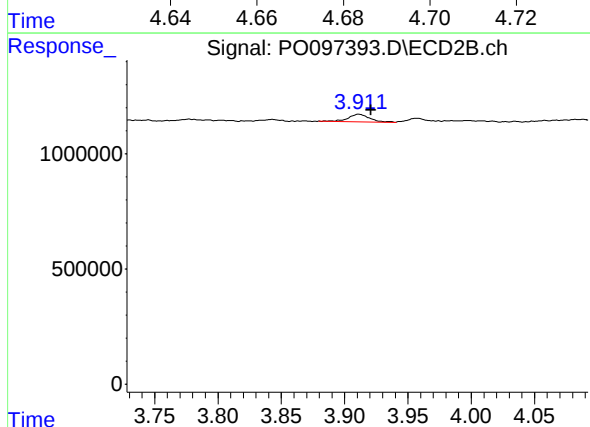
R.T.: 0.000 min
Exp R.T. : 3.835 min
Response: 0
Conc: N.D.



#9 AR-1221-2

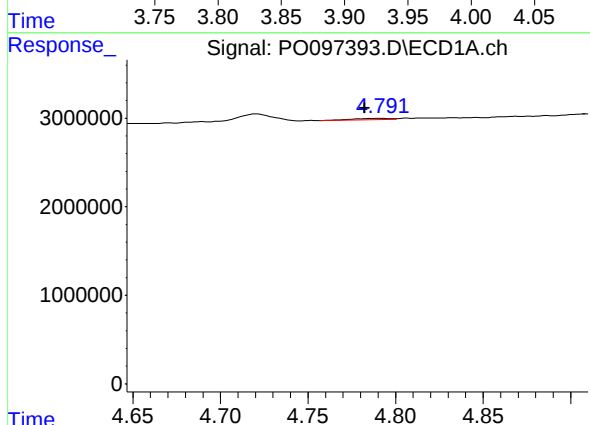
R.T.: 4.689 min
Delta R.T.: -0.016 min
Response: 91296
Conc: 3.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



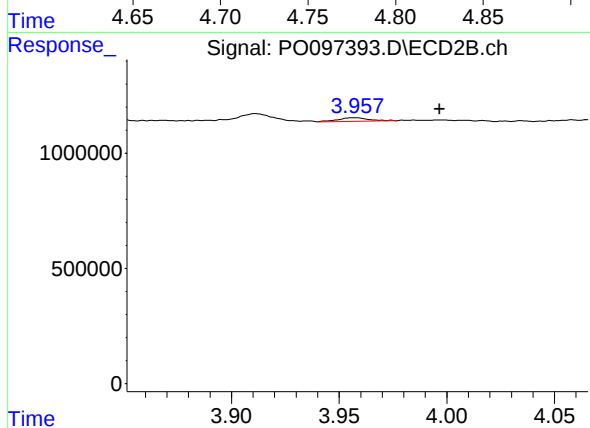
#9 AR-1221-2

R.T.: 3.911 min
Delta R.T.: -0.010 min
Response: 385850
Conc: 29.86 ng/ml



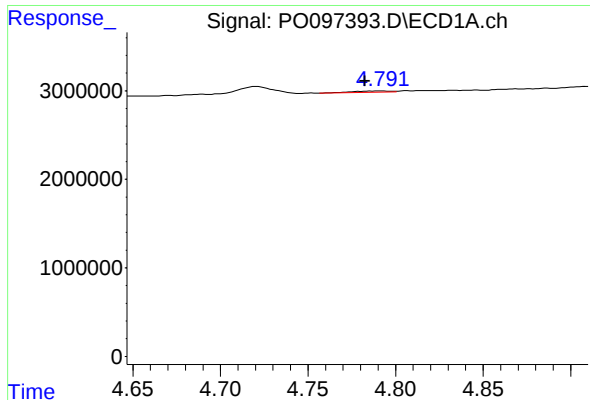
#10 AR-1221-3

R.T.: 4.791 min
Delta R.T.: 0.009 min
Response: 235746
Conc: 2.69 ng/ml



#10 AR-1221-3

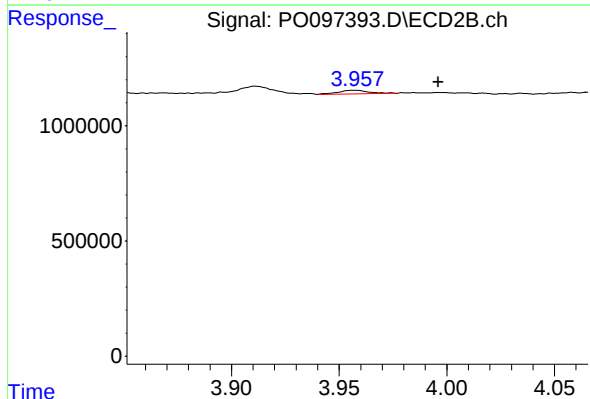
R.T.: 3.957 min
Delta R.T.: -0.039 min
Response: 151176
Conc: 3.81 ng/ml



#11 AR-1232-1

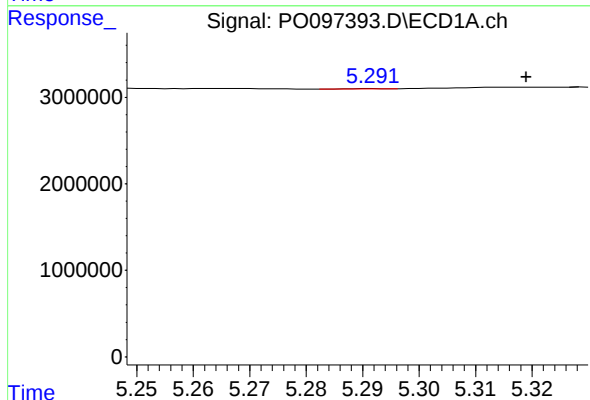
R.T.: 4.791 min
Delta R.T.: 0.009 min
Response: 235746
Conc: 3.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



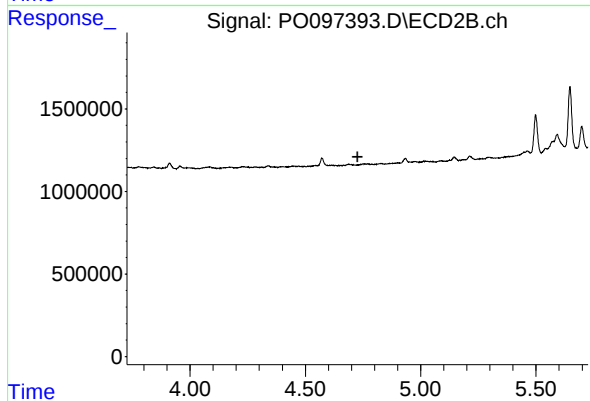
#11 AR-1232-1

R.T.: 3.957 min
Delta R.T.: -0.039 min
Response: 151176
Conc: 4.67 ng/ml



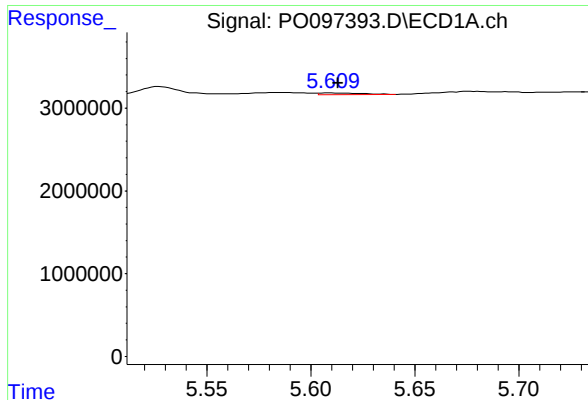
#12 AR-1232-2

R.T.: 5.292 min
Delta R.T.: -0.027 min
Response: 13254
Conc: 0.33 ng/ml



#12 AR-1232-2

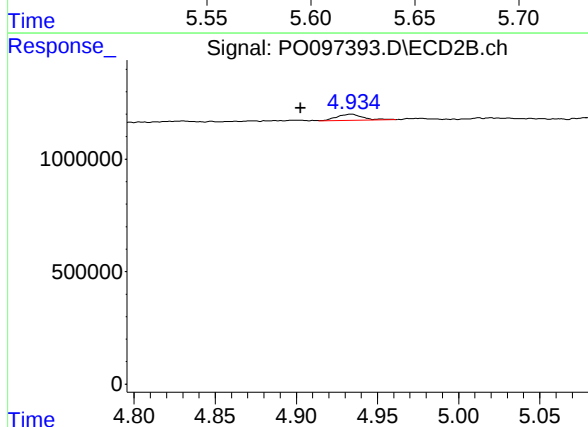
R.T.: 0.000 min
Exp R.T.: 4.726 min
Response: 0
Conc: N.D.



#13 AR-1232-3

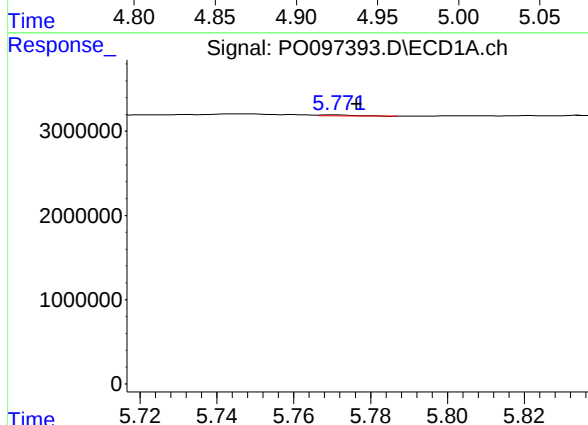
R.T.: 5.610 min
Delta R.T.: -0.003 min
Response: 309315
Conc: 5.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



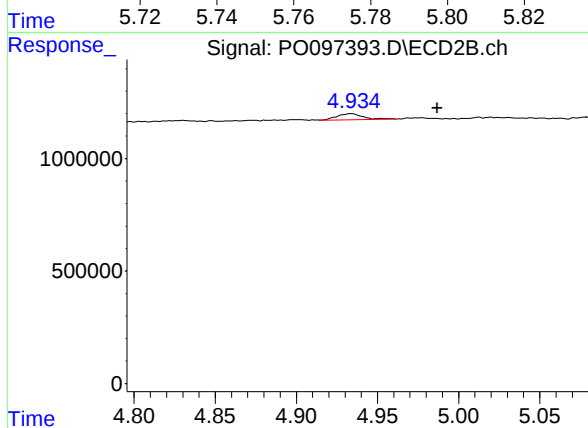
#13 AR-1232-3

R.T.: 4.934 min
Delta R.T.: 0.031 min
Response: 299440
Conc: 19.75 ng/ml



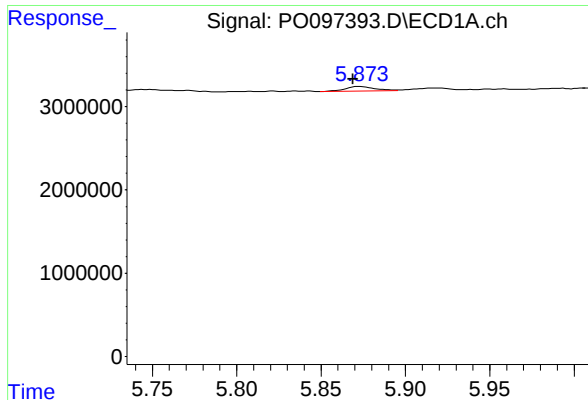
#14 AR-1232-4

R.T.: 5.771 min
Delta R.T.: -0.005 min
Response: 73790
Conc: 2.42 ng/ml



#14 AR-1232-4

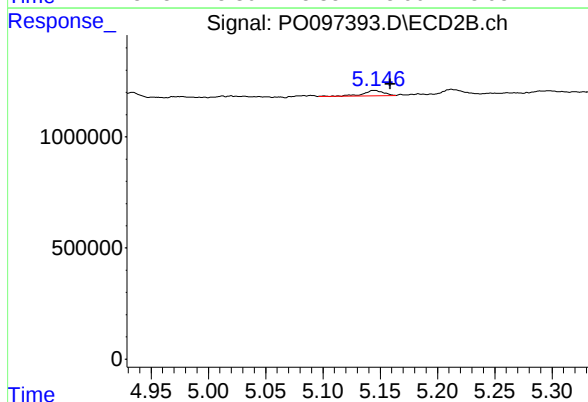
R.T.: 4.934 min
Delta R.T.: -0.053 min
Response: 299440
Conc: 20.04 ng/ml



#15 AR-1232-5

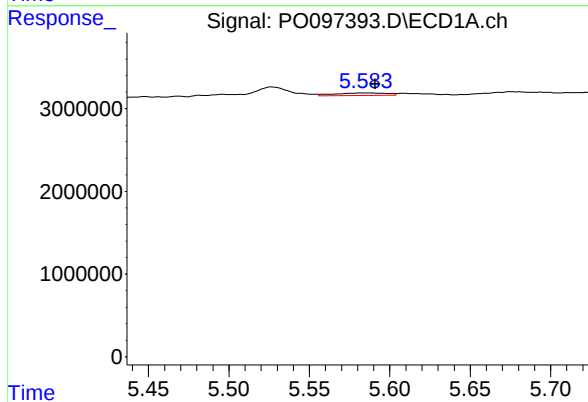
R.T.: 5.873 min
Delta R.T.: 0.004 min
Response: 659435
Conc: 23.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



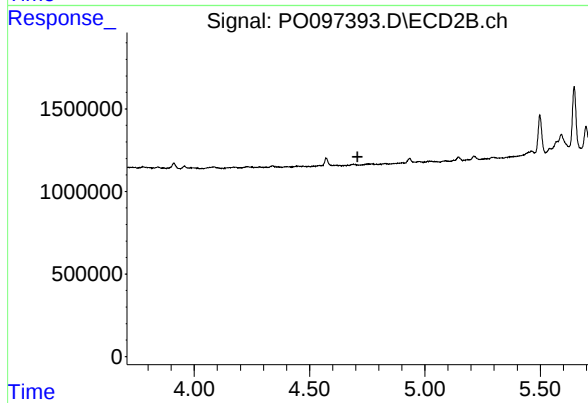
#15 AR-1232-5

R.T.: 5.145 min
Delta R.T.: -0.014 min
Response: 281817
Conc: 17.24 ng/ml



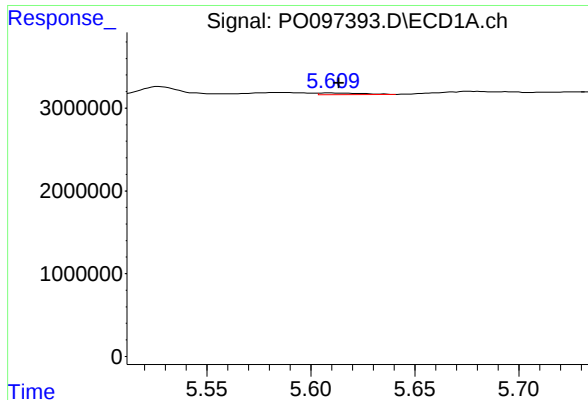
#16 AR-1242-1

R.T.: 5.585 min
Delta R.T.: -0.006 min
Response: 729666
Conc: 8.71 ng/ml



#16 AR-1242-1

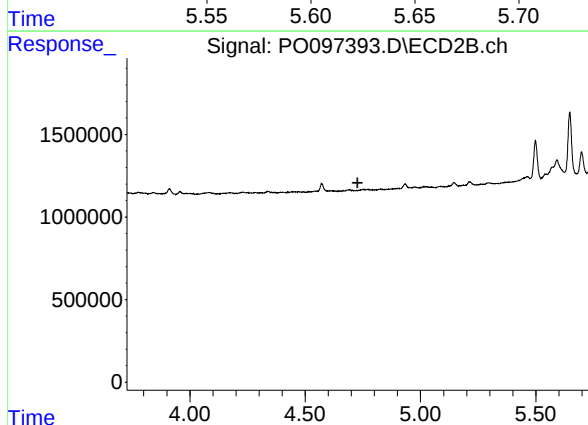
R.T.: 0.000 min
Exp R.T.: 4.708 min
Response: 0
Conc: N.D.



#17 AR-1242-2

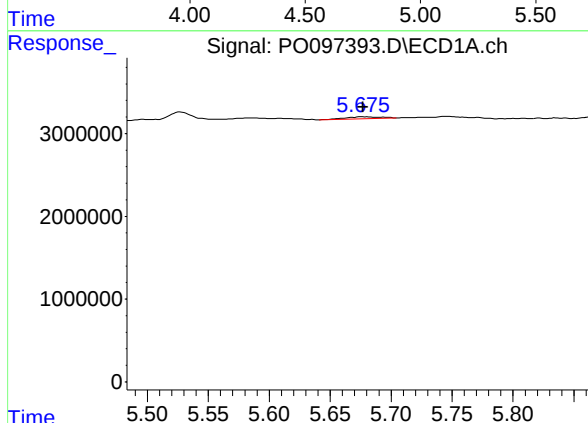
R.T.: 5.610 min
Delta R.T.: -0.004 min
Response: 309315
Conc: 2.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



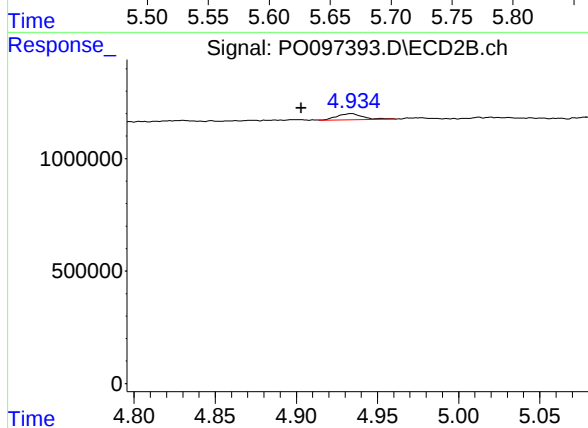
#17 AR-1242-2

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



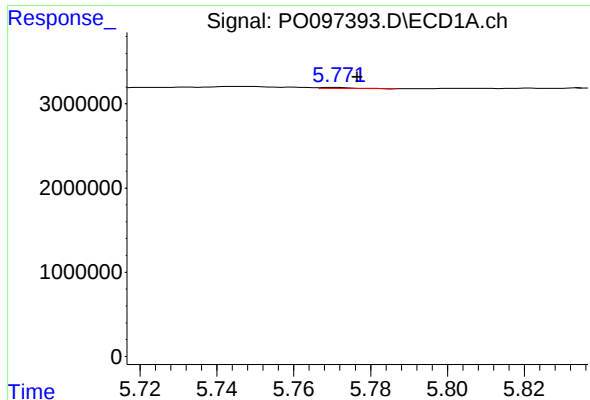
#18 AR-1242-3

R.T.: 5.676 min
Delta R.T.: -0.001 min
Response: 498024
Conc: 6.74 ng/ml



#18 AR-1242-3

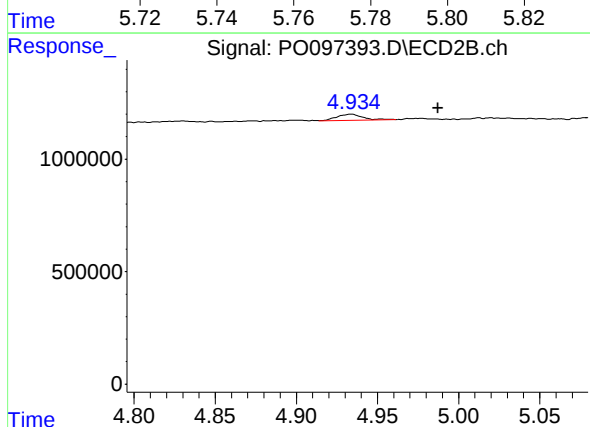
R.T.: 4.934 min
Delta R.T.: 0.031 min
Response: 299440
Conc: 10.13 ng/ml



#19 AR-1242-4

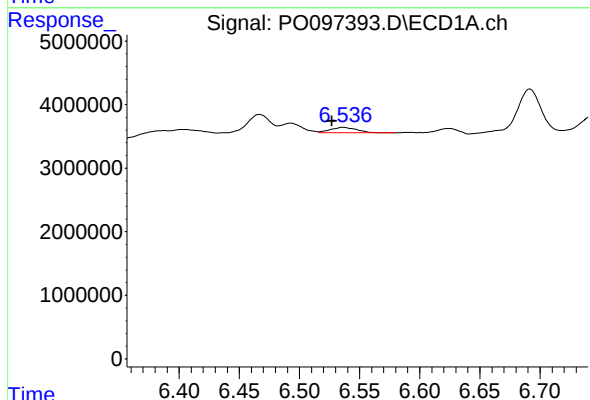
R.T.: 5.771 min
Delta R.T.: -0.005 min
Response: 73790
Conc: 1.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



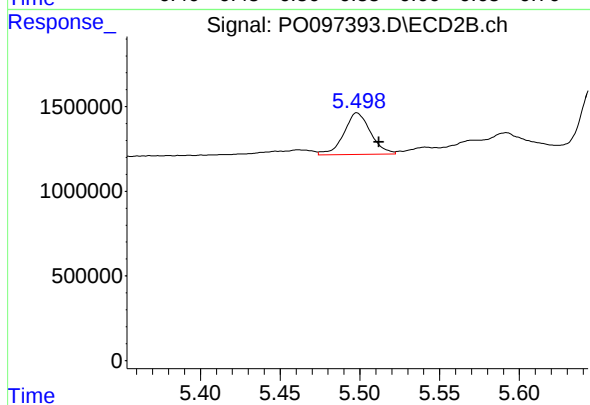
#19 AR-1242-4

R.T.: 4.934 min
Delta R.T.: -0.054 min
Response: 299440
Conc: 9.50 ng/ml



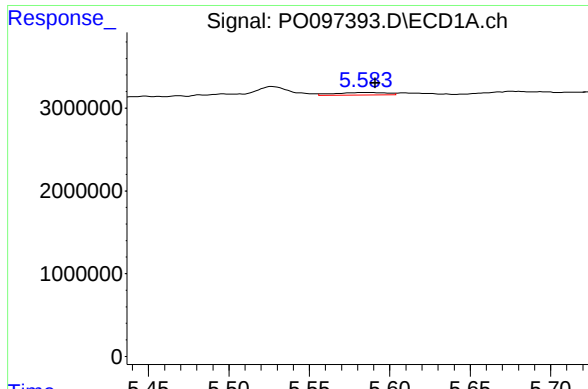
#20 AR-1242-5

R.T.: 6.537 min
Delta R.T.: 0.010 min
Response: 1314804
Conc: 23.90 ng/ml



#20 AR-1242-5

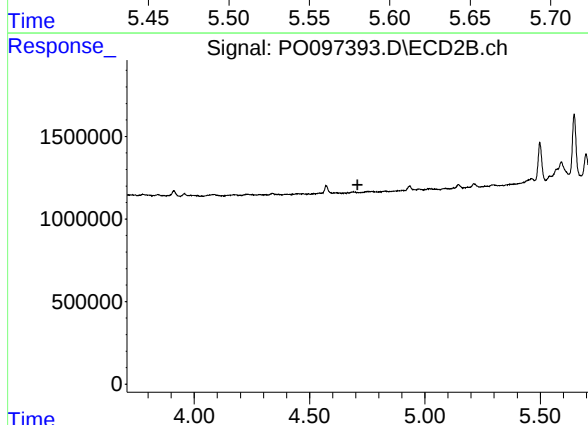
R.T.: 5.498 min
Delta R.T.: -0.014 min
Response: 2873993
Conc: 78.88 ng/ml



#21 AR-1248-1

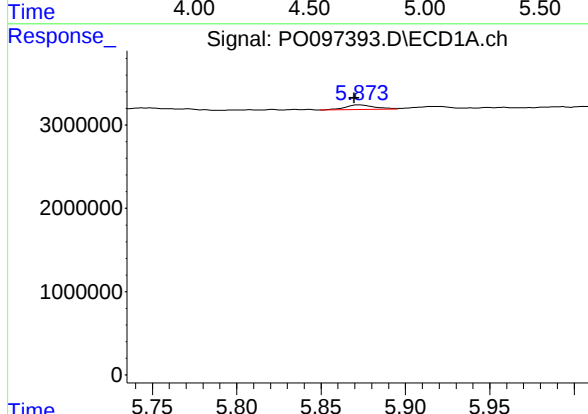
R.T.: 5.585 min
Delta R.T.: -0.006 min
Response: 729666
Conc: 12.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



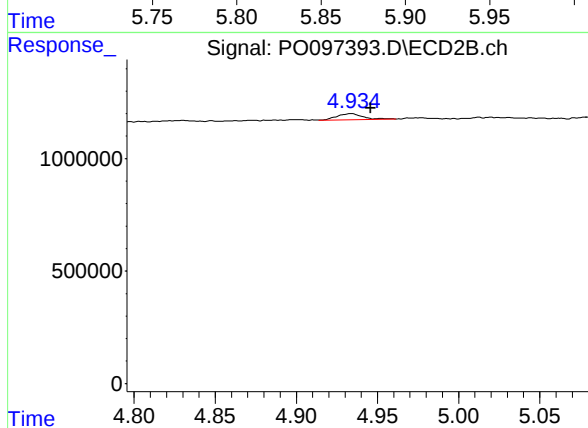
#21 AR-1248-1

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



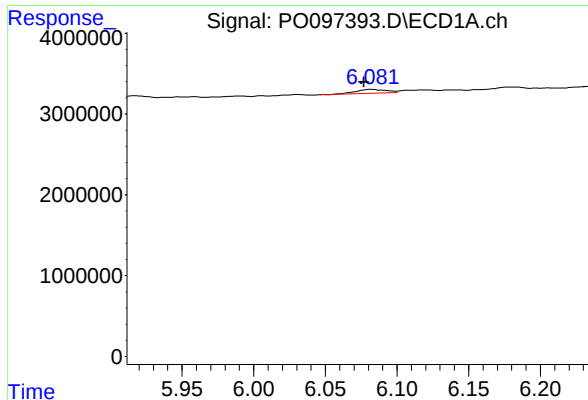
#22 AR-1248-2

R.T.: 5.873 min
Delta R.T.: 0.003 min
Response: 659435
Conc: 7.01 ng/ml



#22 AR-1248-2

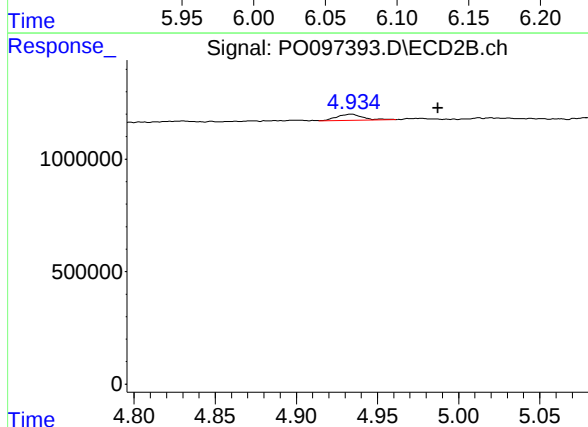
R.T.: 4.934 min
Delta R.T.: -0.012 min
Response: 299440
Conc: 7.07 ng/ml



#23 AR-1248-3

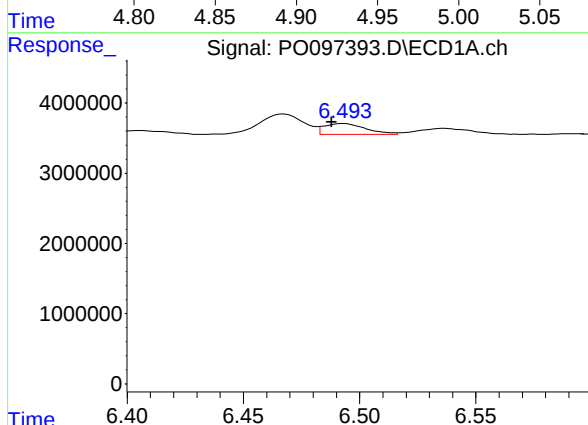
R.T.: 6.082 min
Delta R.T.: 0.005 min
Response: 724666
Conc: 7.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



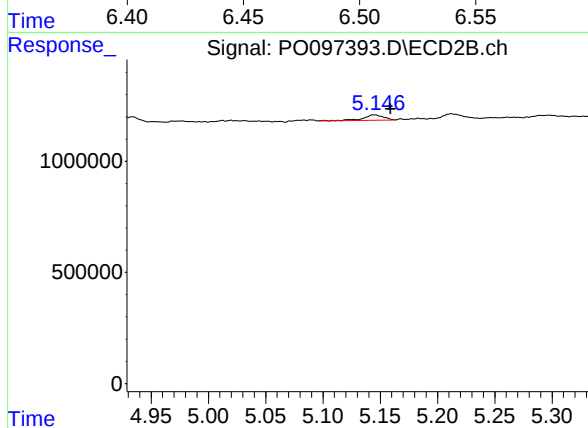
#23 AR-1248-3

R.T.: 4.934 min
Delta R.T.: -0.054 min
Response: 299440
Conc: 6.83 ng/ml



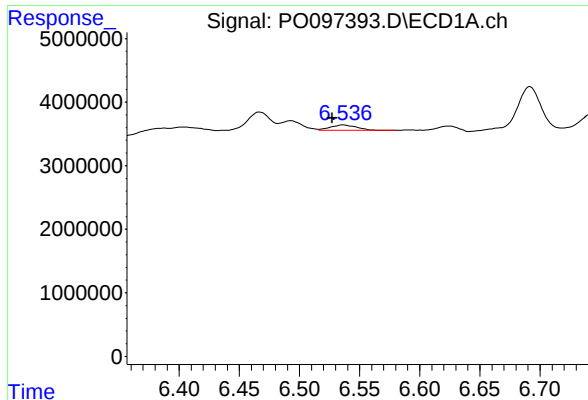
#24 AR-1248-4

R.T.: 6.493 min
Delta R.T.: 0.005 min
Response: 1874927
Conc: 20.64 ng/ml



#24 AR-1248-4

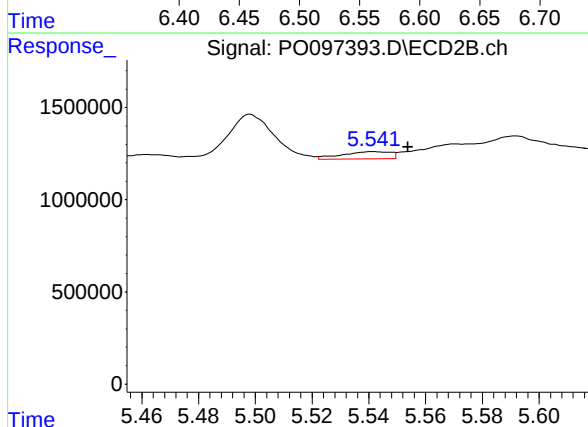
R.T.: 5.145 min
Delta R.T.: -0.014 min
Response: 281817
Conc: 5.52 ng/ml



#25 AR-1248-5

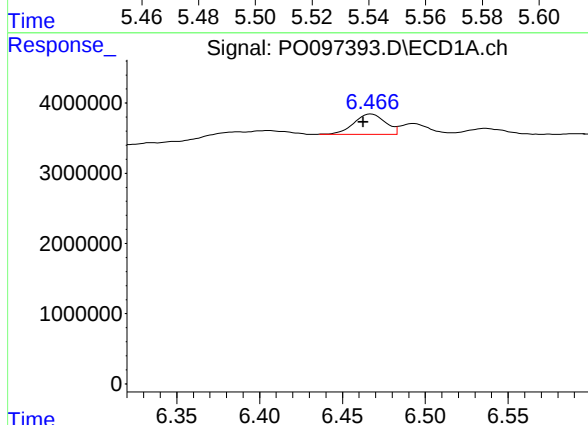
R.T.: 6.537 min
Delta R.T.: 0.010 min
Response: 1314804
Conc: 14.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



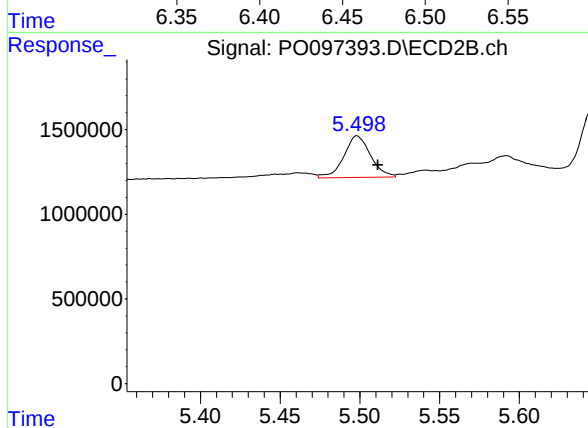
#25 AR-1248-5

R.T.: 5.541 min
Delta R.T.: -0.012 min
Response: 463997
Conc: 9.92 ng/ml



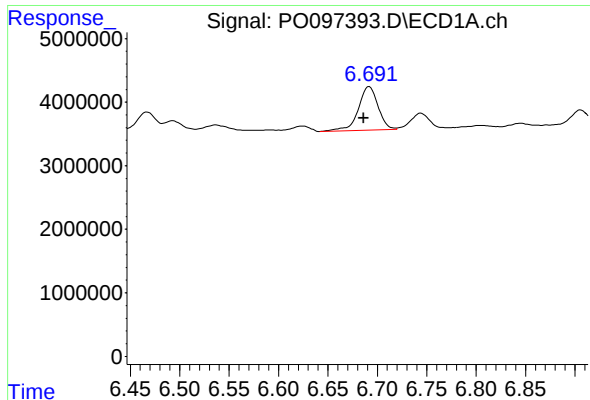
#26 AR-1254-1

R.T.: 6.467 min
Delta R.T.: 0.005 min
Response: 3774828
Conc: 34.54 ng/ml



#26 AR-1254-1

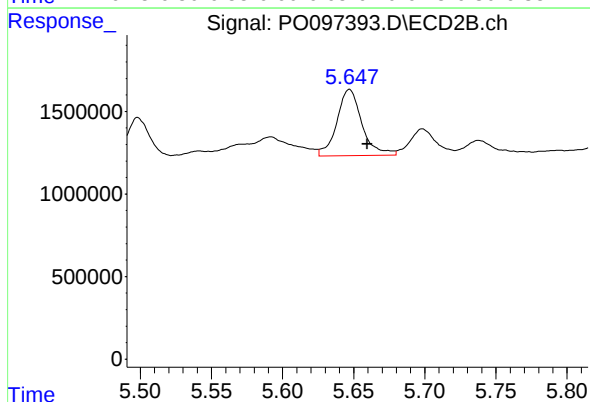
R.T.: 5.498 min
Delta R.T.: -0.013 min
Response: 2873993
Conc: 38.94 ng/ml



#27 AR-1254-2

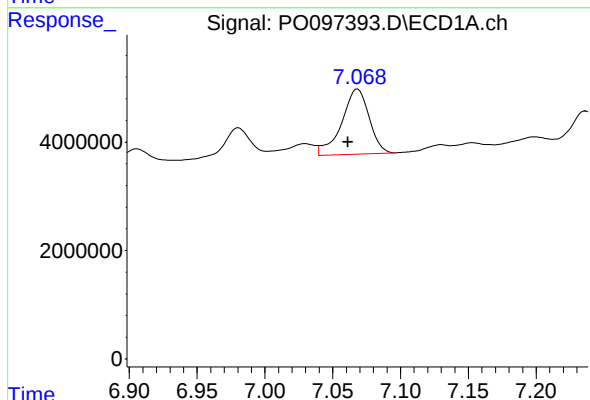
R.T.: 6.692 min
Delta R.T.: 0.006 min
Response: 9516856
Conc: 59.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



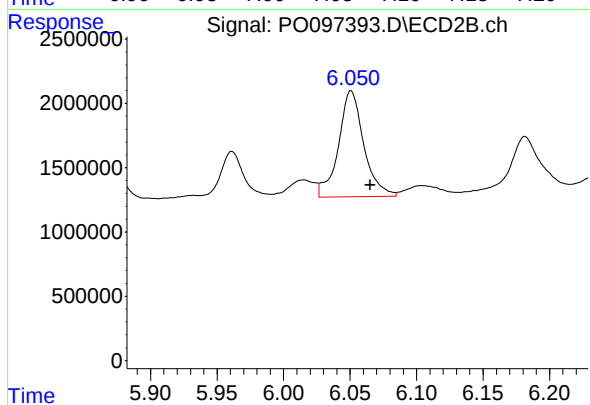
#27 AR-1254-2

R.T.: 5.647 min
Delta R.T.: -0.013 min
Response: 4911863
Conc: 74.56 ng/ml



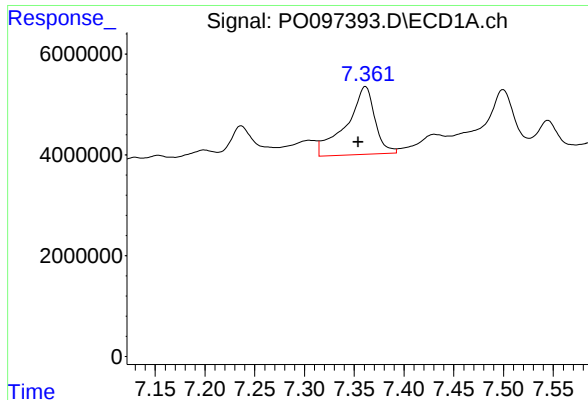
#28 AR-1254-3

R.T.: 7.068 min
Delta R.T.: 0.007 min
Response: 17029540
Conc: 108.68 ng/ml



#28 AR-1254-3

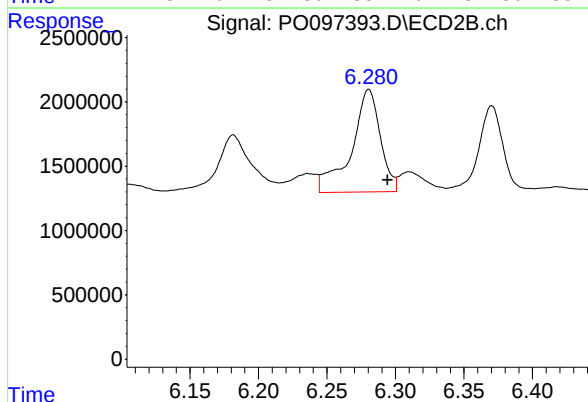
R.T.: 6.051 min
Delta R.T.: -0.014 min
Response: 10926814
Conc: 108.12 ng/ml



#29 AR-1254-4

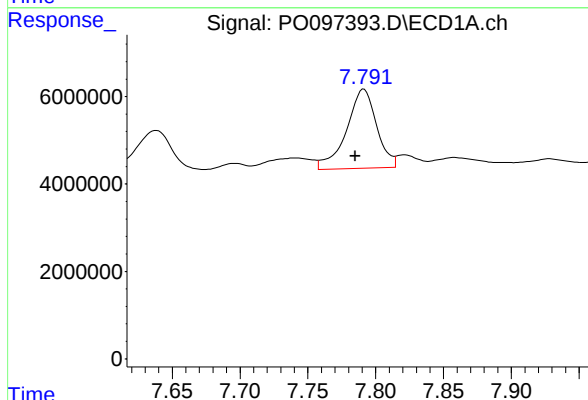
R.T.: 7.361 min
Delta R.T.: 0.007 min
Response: 26802292
Conc: 265.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



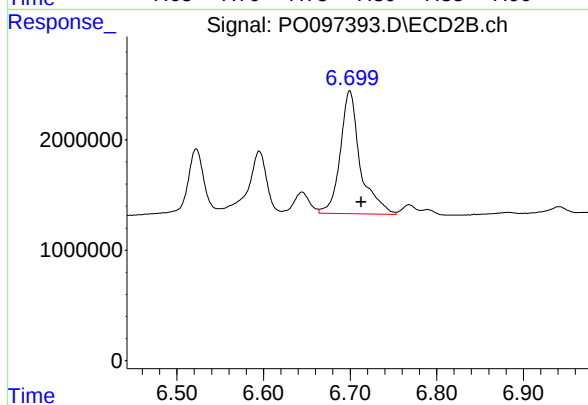
#29 AR-1254-4

R.T.: 6.281 min
Delta R.T.: -0.014 min
Response: 11757088
Conc: 203.15 ng/ml



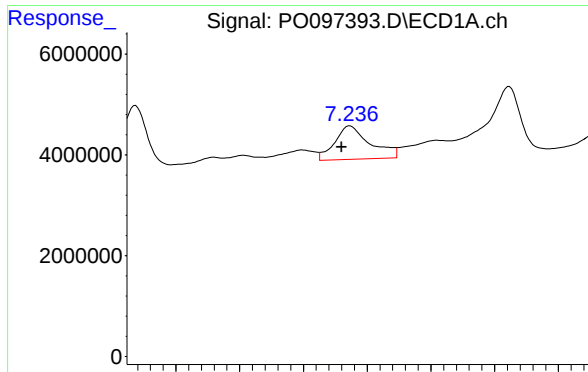
#30 AR-1254-5

R.T.: 7.791 min
Delta R.T.: 0.006 min
Response: 28019512
Conc: 249.70 ng/ml



#30 AR-1254-5

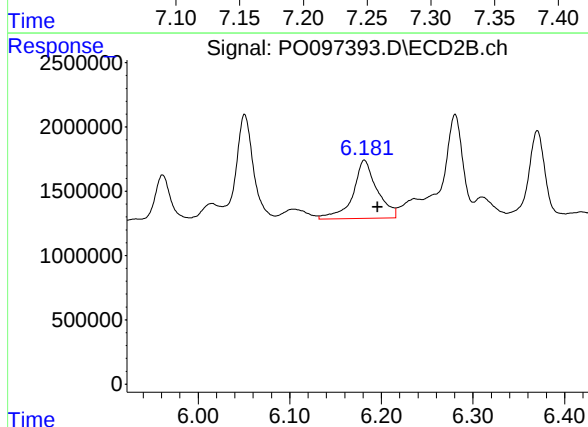
R.T.: 6.700 min
Delta R.T.: -0.013 min
Response: 17837370
Conc: 202.89 ng/ml



#31 AR-1260-1

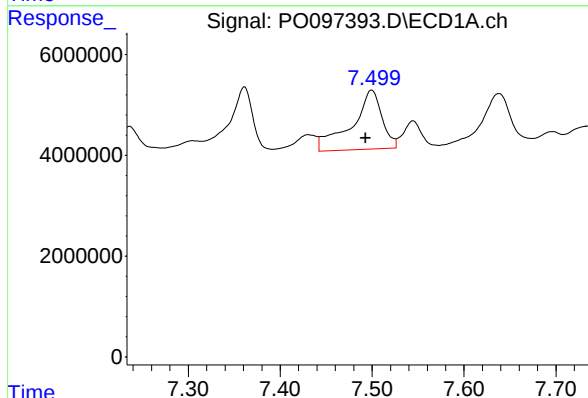
R.T.: 7.236 min
Delta R.T.: 0.007 min
Response: 12741566
Conc: 101.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



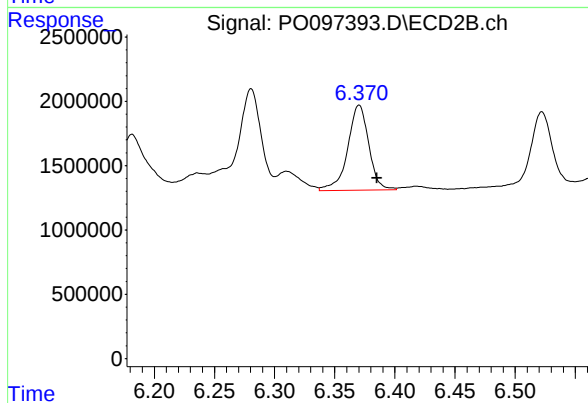
#31 AR-1260-1

R.T.: 6.182 min
Delta R.T.: -0.014 min
Response: 8338625
Conc: 118.50 ng/ml



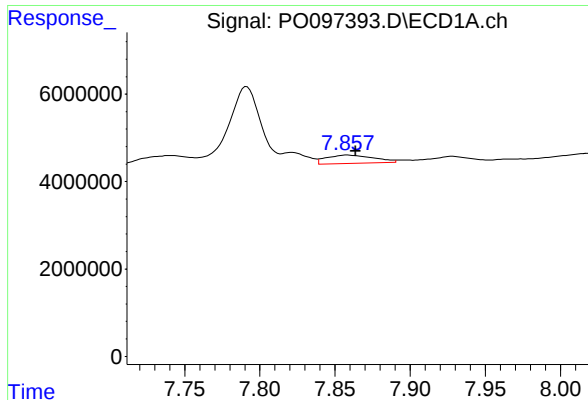
#32 AR-1260-2

R.T.: 7.500 min
Delta R.T.: 0.007 min
Response: 26862183
Conc: 199.37 ng/ml



#32 AR-1260-2

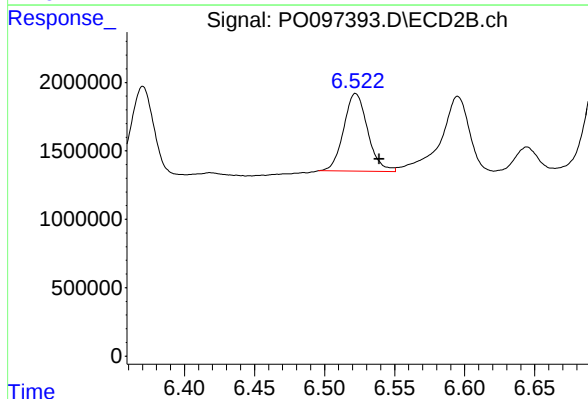
R.T.: 6.370 min
Delta R.T.: -0.015 min
Response: 8071889
Conc: 96.71 ng/ml



#33 AR-1260-3

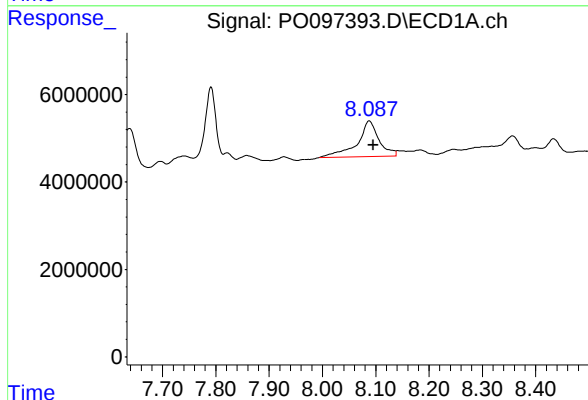
R.T.: 7.858 min
Delta R.T.: -0.006 min
Response: 4123185
Conc: 39.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



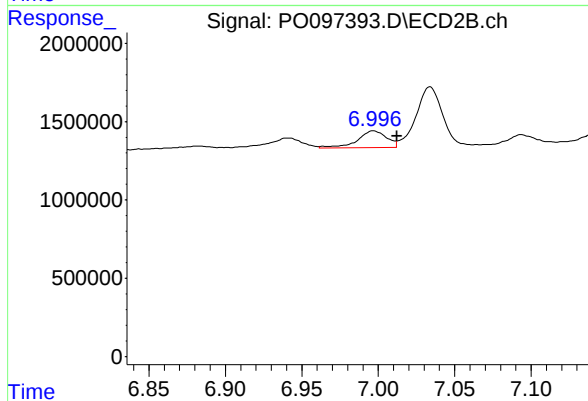
#33 AR-1260-3

R.T.: 6.522 min
Delta R.T.: -0.017 min
Response: 6776435
Conc: 87.76 ng/ml



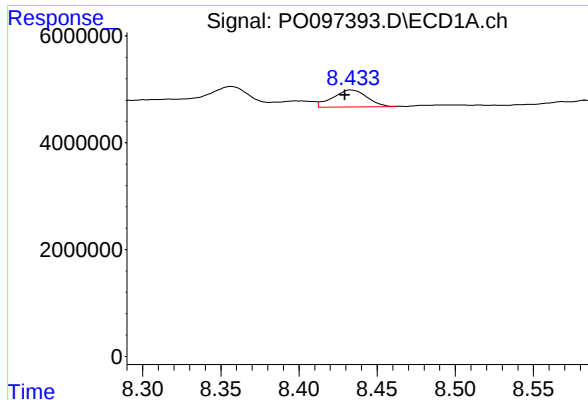
#34 AR-1260-4

R.T.: 8.088 min
Delta R.T.: -0.008 min
Response: 23095121
Conc: 206.57 ng/ml



#34 AR-1260-4

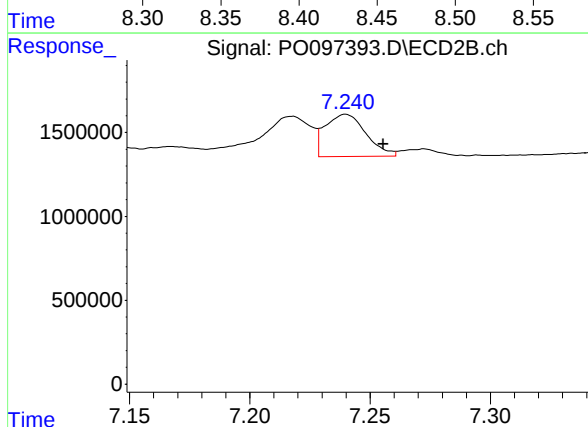
R.T.: 6.997 min
Delta R.T.: -0.015 min
Response: 1428001
Conc: 22.28 ng/ml



#35 AR-1260-5

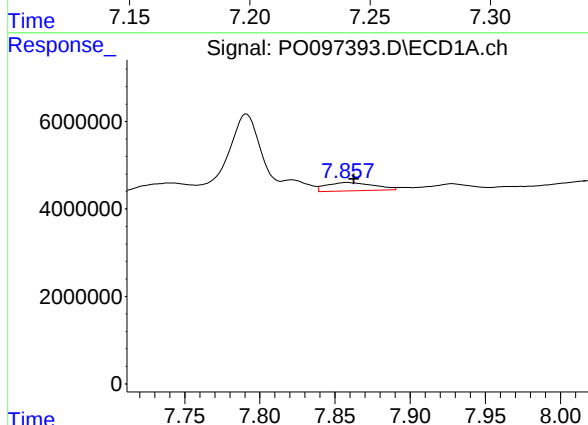
R.T.: 8.434 min
Delta R.T.: 0.004 min
Response: 4830851
Conc: 23.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



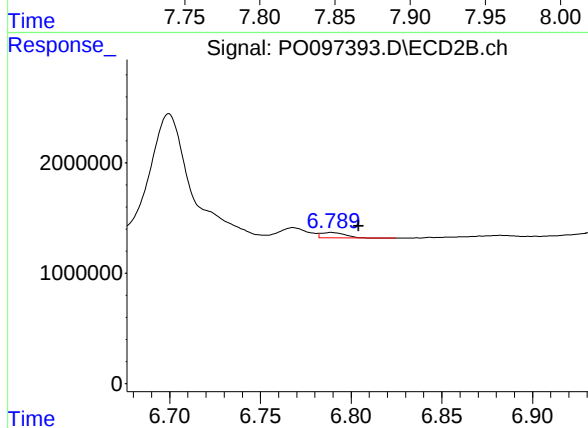
#35 AR-1260-5

R.T.: 7.240 min
Delta R.T.: -0.016 min
Response: 2964469
Conc: 21.38 ng/ml



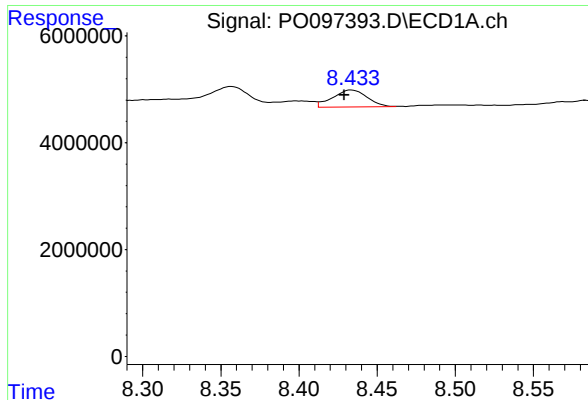
#36 AR-1262-1

R.T.: 7.858 min
Delta R.T.: -0.005 min
Response: 4123185
Conc: 27.76 ng/ml



#36 AR-1262-1

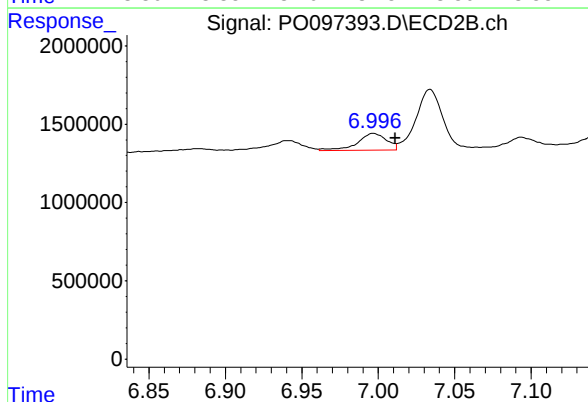
R.T.: 6.789 min
Delta R.T.: -0.015 min
Response: 435614
Conc: 11.06 ng/ml



#37 AR-1262-2

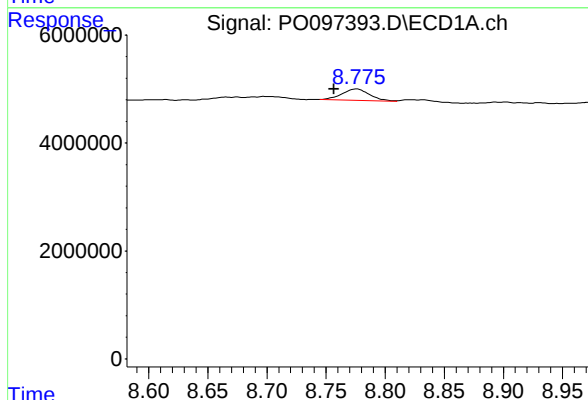
R.T.: 8.434 min
Delta R.T.: 0.005 min
Response: 4830851
Conc: 20.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



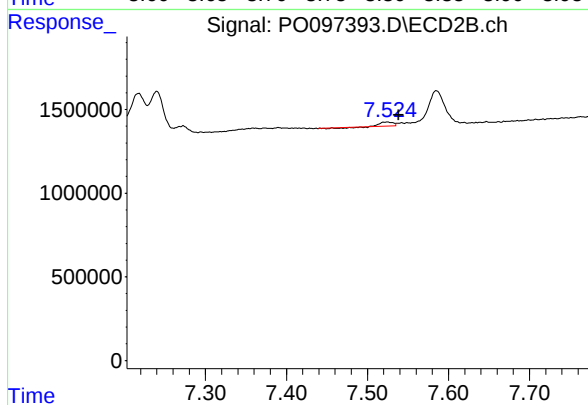
#37 AR-1262-2

R.T.: 6.997 min
Delta R.T.: -0.014 min
Response: 1428001
Conc: 17.61 ng/ml



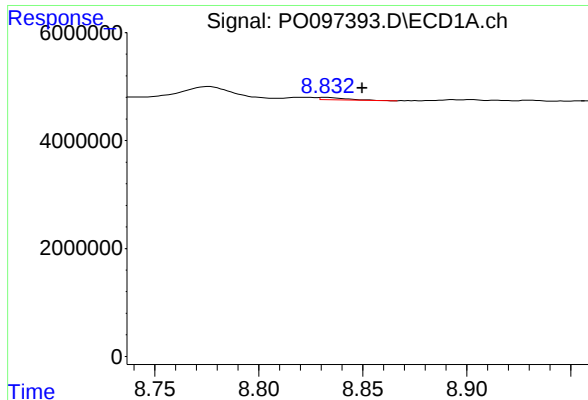
#38 AR-1262-3

R.T.: 8.776 min
Delta R.T.: 0.019 min
Response: 3517481
Conc: 21.09 ng/ml



#38 AR-1262-3

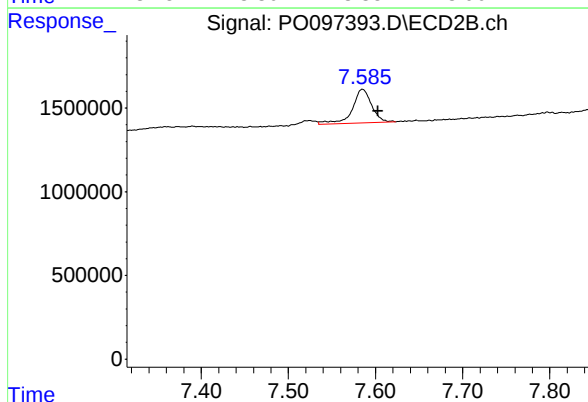
R.T.: 7.525 min
Delta R.T.: -0.014 min
Response: 198673
Conc: 3.10 ng/ml



#39 AR-1262-4

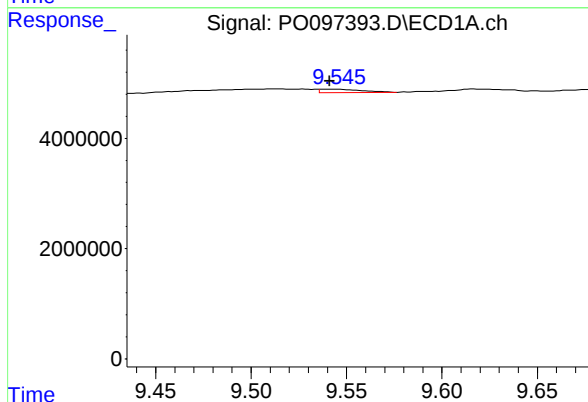
R.T.: 8.832 min
Delta R.T.: -0.017 min
Response: 396233
Conc: 5.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



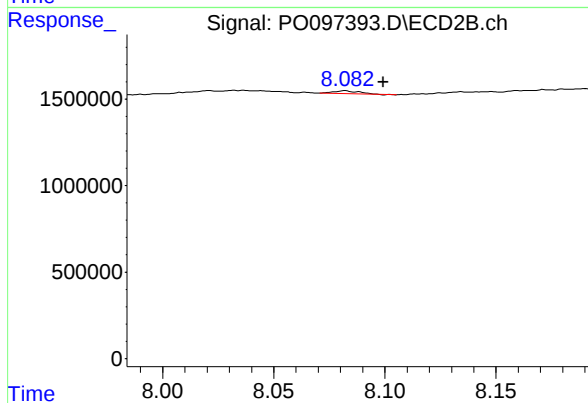
#39 AR-1262-4

R.T.: 7.585 min
Delta R.T.: -0.018 min
Response: 3099851
Conc: 27.29 ng/ml



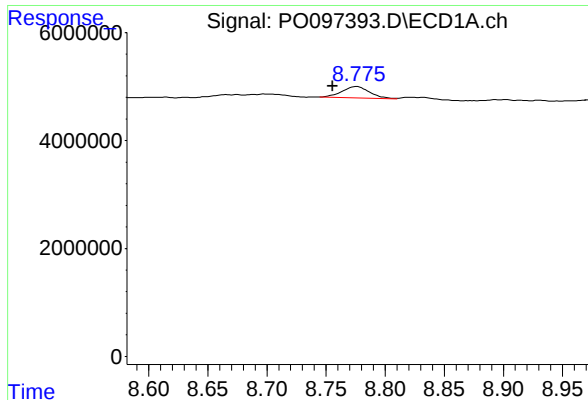
#40 AR-1262-5

R.T.: 9.545 min
Delta R.T.: 0.004 min
Response: 915233
Conc: 10.99 ng/ml



#40 AR-1262-5

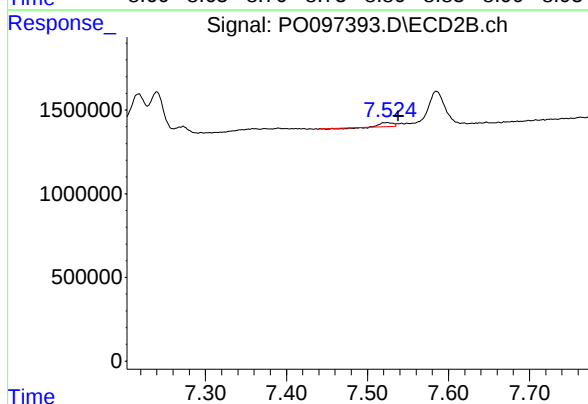
R.T.: 8.082 min
Delta R.T.: -0.017 min
Response: 129197
Conc: 2.46 ng/ml



#41 AR-1268-1

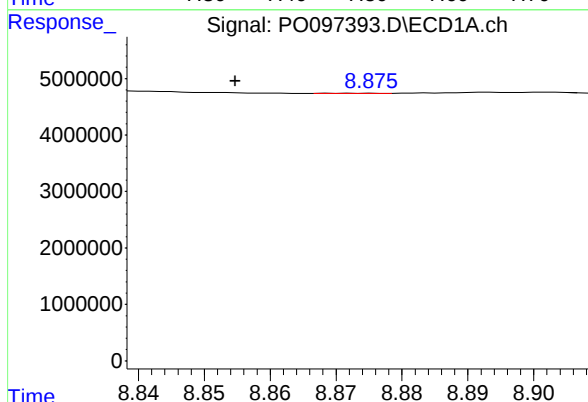
R.T.: 8.776 min
Delta R.T.: 0.020 min
Response: 3517481
Conc: 11.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



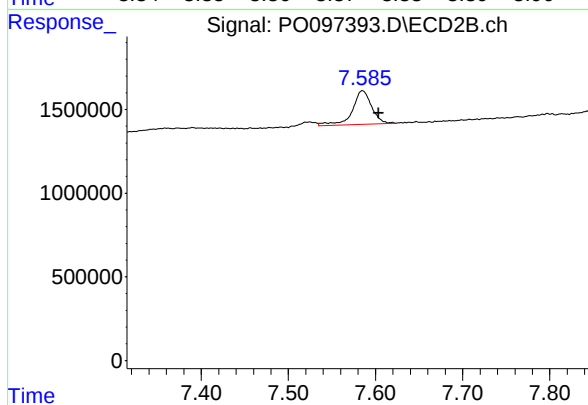
#41 AR-1268-1

R.T.: 7.525 min
Delta R.T.: -0.014 min
Response: 198673
Conc: 1.07 ng/ml



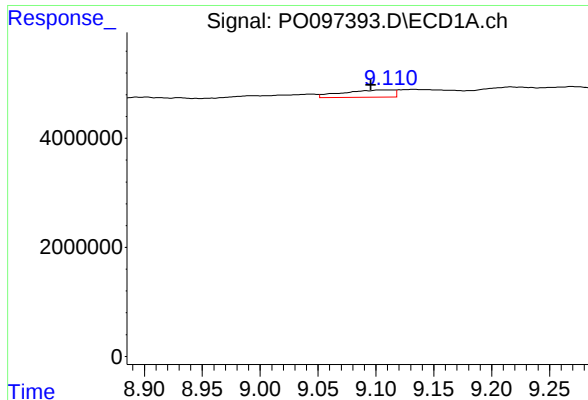
#42 AR-1268-2

R.T.: 8.875 min
Delta R.T.: 0.021 min
Response: 14036
Conc: 0.05 ng/ml



#42 AR-1268-2

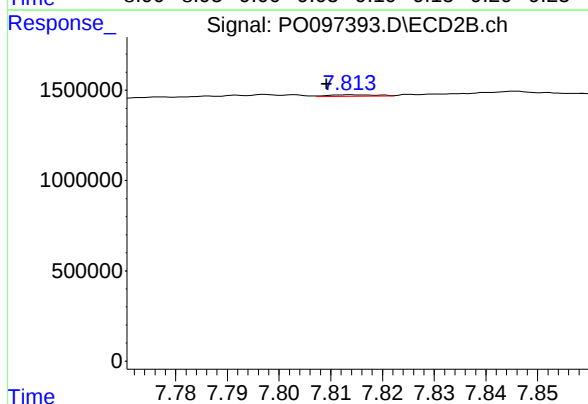
R.T.: 7.585 min
Delta R.T.: -0.019 min
Response: 3099851
Conc: 18.49 ng/ml



#43 AR-1268-3

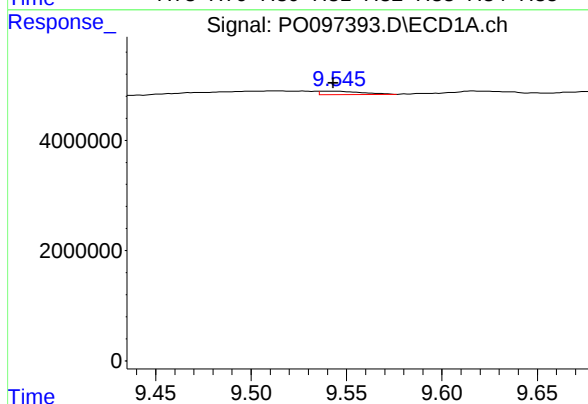
R.T.: 9.112 min
Delta R.T.: 0.016 min
Response: 4011641
Conc: 15.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



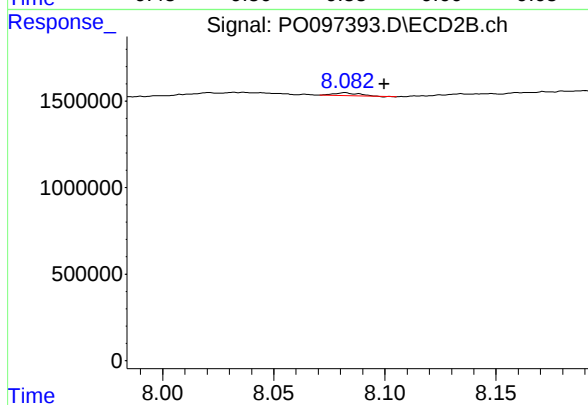
#43 AR-1268-3

R.T.: 7.814 min
Delta R.T.: 0.005 min
Response: 55506
Conc: 0.38 ng/ml



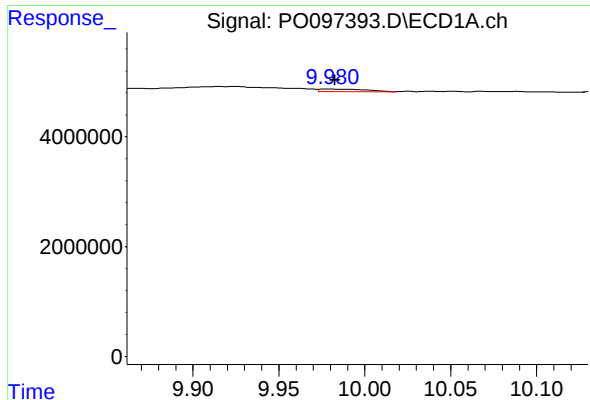
#44 AR-1268-4

R.T.: 9.545 min
Delta R.T.: 0.002 min
Response: 915233
Conc: 9.87 ng/ml



#44 AR-1268-4

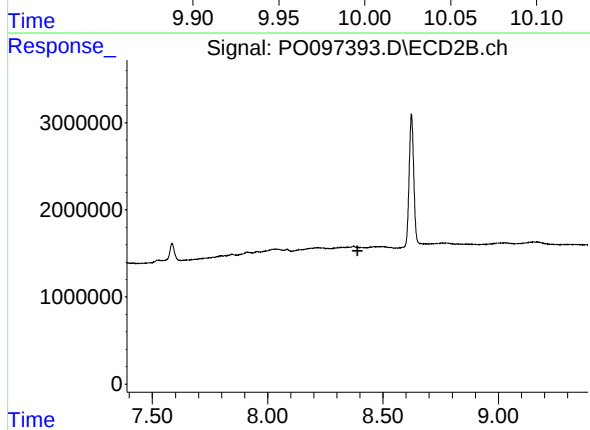
R.T.: 8.082 min
Delta R.T.: -0.018 min
Response: 129197
Conc: 2.17 ng/ml



#45 AR-1268-5

R.T.: 9.980 min
Delta R.T.: -0.003 min
Response: 855841
Conc: 1.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.390 min
Response: 0
Conc: N.D.