

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082223\
 Data File : P0097391.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2023 19:27
 Operator : YP/AJ
 Sample : 04086-21
 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 23 01:39:54 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...	4.408	3.613	60379075	24851996	18.240	18.773
2) SA Decachlor...	10.340	8.624	31088403	16742030	14.207	14.471
Target Compounds						
3) L1 AR-1016-1	5.583	0.000	1216332	0	12.914	N.D. #
4) L1 AR-1016-2	5.608	0.000	348419	0	2.605	N.D. #
5) L1 AR-1016-3	5.689	4.932	702579	571814	8.074	17.504 #
6) L1 AR-1016-4	5.768	4.932	344052	571814	5.122	20.003 #
7) L1 AR-1016-5	6.080	5.147	496548	956674	7.112	24.883 #
8) L2 AR-1221-1	4.618	0.000	1168996	0	28.683	N.D. #
9) L2 AR-1221-2	4.719	3.911	1655556	938174	54.495	72.610 #
10) L2 AR-1221-3	4.792	3.960f	515249	1423563	5.886	35.863 #
11) L3 AR-1232-1	4.792	3.960f	515249	1423563	7.065	44.009 #
12) L3 AR-1232-2	5.315	0.000	431175	0	10.876	N.D. #
13) L3 AR-1232-3	5.608	4.932	348419	571814	5.696	37.714 #
14) L3 AR-1232-4	5.768	4.976	344052	225734	11.275	15.105 #
15) L3 AR-1232-5	5.872	5.147	1475519	956674	52.729	58.524
16) L4 AR-1242-1	5.583	0.000	1216332	0	14.512	N.D. #
17) L4 AR-1242-2	5.608	0.000	348419	0	2.959	N.D. #
18) L4 AR-1242-3	5.689	4.932	702579	571814	9.511	19.339 #
19) L4 AR-1242-4	5.768	4.976	344052	225734	5.779	7.163
20) L4 AR-1242-5	6.538	5.498	1399796	4020974	25.442	110.357 #
21) L5 AR-1248-1	5.583	0.000	1216332	0	20.759	N.D. #
22) L5 AR-1248-2	5.872	4.932	1475519	571814	15.694	13.492
23) L5 AR-1248-3	6.080	4.976	496548	225734	5.077	5.146
24) L5 AR-1248-4	6.493	5.147	1543532	956674	16.991	18.740
25) L5 AR-1248-5	6.538	5.540	1399796	709563	15.891	15.177
26) L6 AR-1254-1	6.466	5.498	4713457	4020974	43.128	54.488 #
27) L6 AR-1254-2	6.691	5.647	15912207	6837681	98.694	103.789
28) L6 AR-1254-3	7.068	6.050	26667418	15170081	170.185	150.106
29) L6 AR-1254-4	7.360	6.280	49563737	19161841	491.615	331.091 #
30) L6 AR-1254-5	7.791	6.698	32983626	21948311	293.934	249.653
31) L7 AR-1260-1	7.237	6.181	24664932	12610148	196.239	179.203
32) L7 AR-1260-2	7.499	6.370	32779647	10051506	243.290	120.430 #
33) L7 AR-1260-3	7.866	6.522	1107773	9177467	10.675	118.849 #
34) L7 AR-1260-4	8.087	6.996	14153104	1698933	126.589	26.512 #
35) L7 AR-1260-5	8.433	7.270	9147640	434016	43.564	3.131 #
36) L8 AR-1262-1	7.866	6.789	1107773	497270	7.458	12.631 #
37) L8 AR-1262-2	8.433	6.996	9147640	1698933	39.520	20.947 #
38) L8 AR-1262-3	8.774	7.514	16605561	565879	99.555	8.818 #
39) L8 AR-1262-4	8.826	7.585	11626010	3512343	159.463	30.918 #
40) L8 AR-1262-5	9.546	0.000	1793588	0	21.537	N.D. #
41) L9 AR-1268-1	8.774	7.514	16605561	565879	54.019	3.054 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082223\
 Data File : P0097391.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2023 19:27
 Operator : YP/AJ
 Sample : 04086-21
 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 23 01:39:54 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

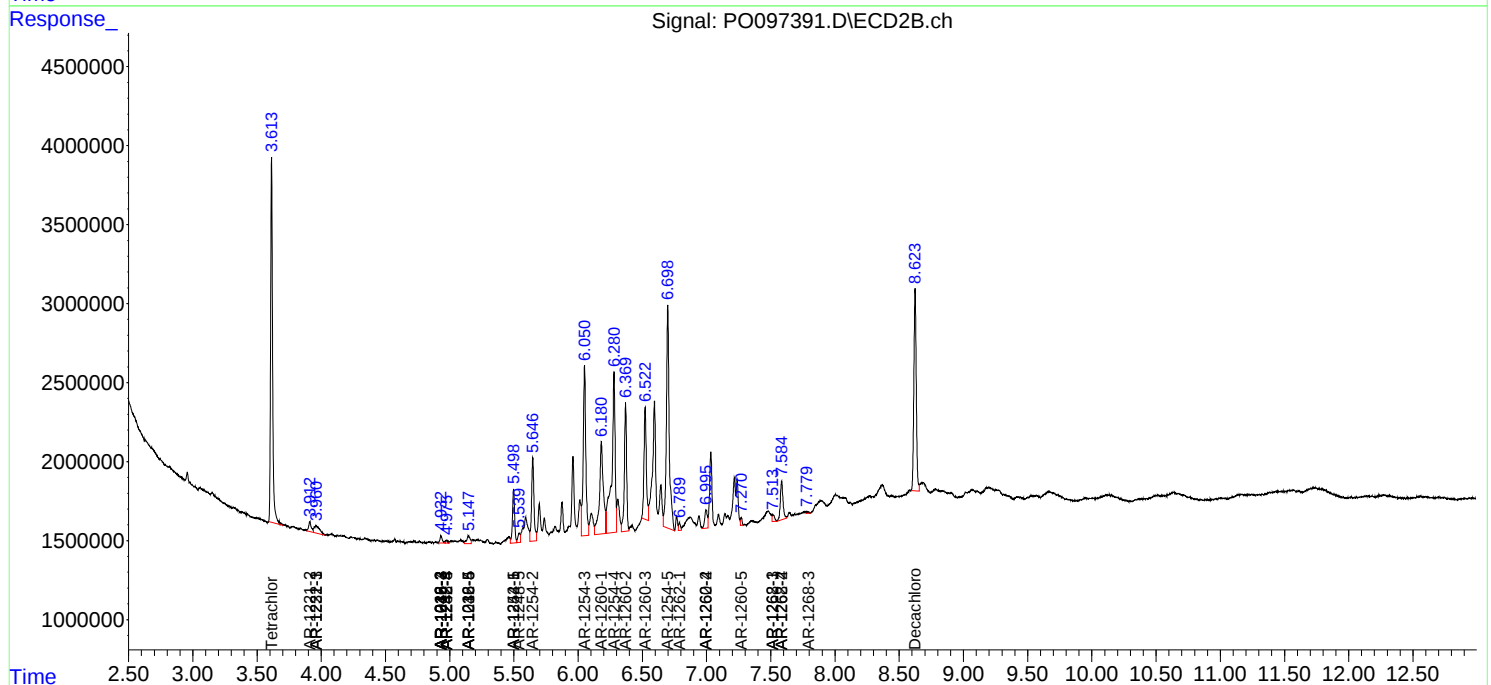
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

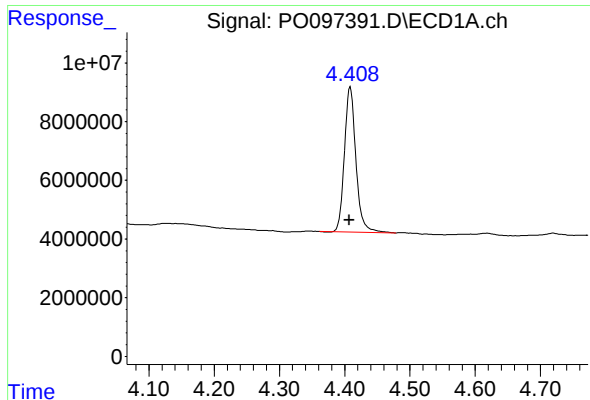
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.826	7.585	11626010	3512343	42.401	20.946 #
43) L9	AR-1268-3	9.092	7.795	716009	125888	2.804	0.871 #
44) L9	AR-1268-4	9.546	0.000	1793588	0	19.346	N.D. #
45) L9	AR-1268-5	9.977	0.000	530311	0	0.657	N.D. #

(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

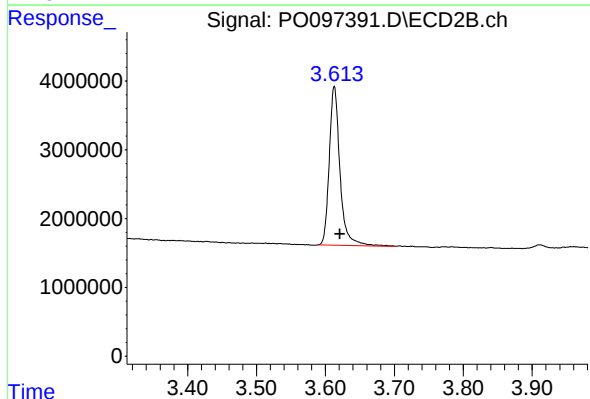




#1 Tetrachloro-m-xylene

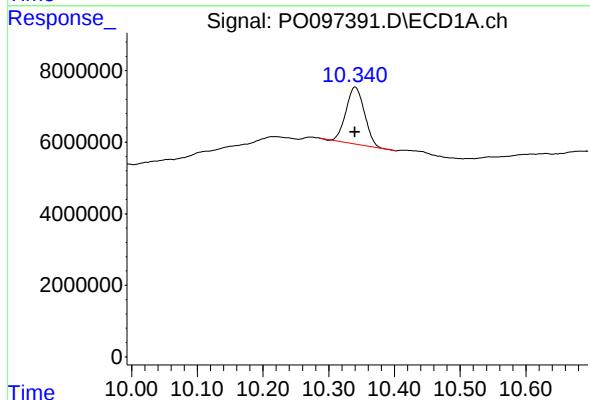
R.T.: 4.408 min
Delta R.T.: 0.001 min
Response: 60379075
Conc: 18.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



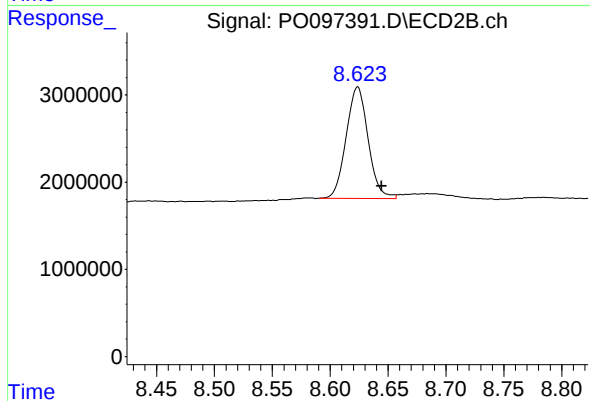
#1 Tetrachloro-m-xylene

R.T.: 3.613 min
Delta R.T.: -0.008 min
Response: 24851996
Conc: 18.77 ng/ml



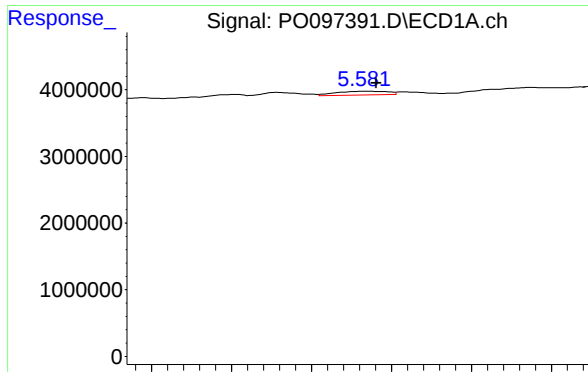
#2 Decachlorobiphenyl

R.T.: 10.340 min
Delta R.T.: 0.000 min
Response: 31088403
Conc: 14.21 ng/ml



#2 Decachlorobiphenyl

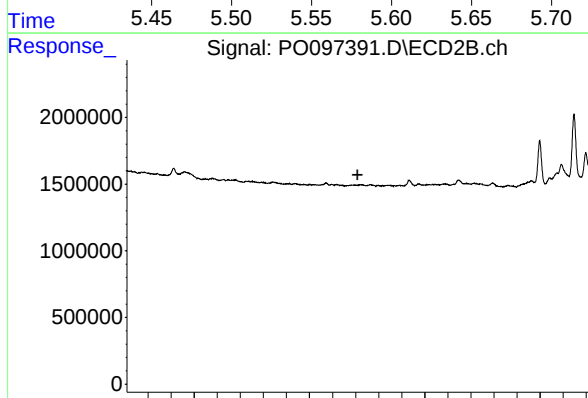
R.T.: 8.624 min
Delta R.T.: -0.021 min
Response: 16742030
Conc: 14.47 ng/ml



#3 AR-1016-1

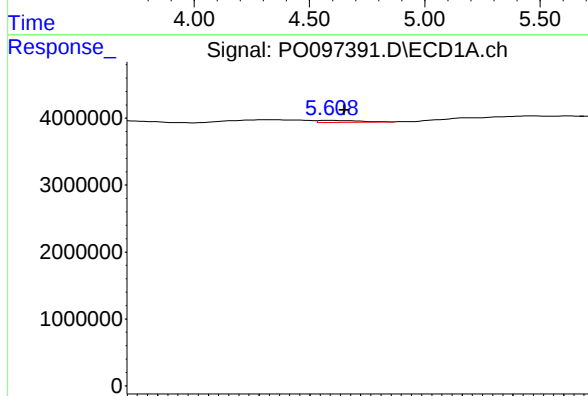
R.T.: 5.583 min
Delta R.T.: -0.008 min
Response: 1216332
Conc: 12.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



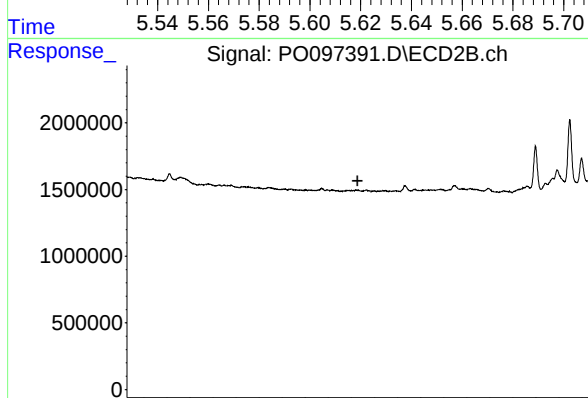
#3 AR-1016-1

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



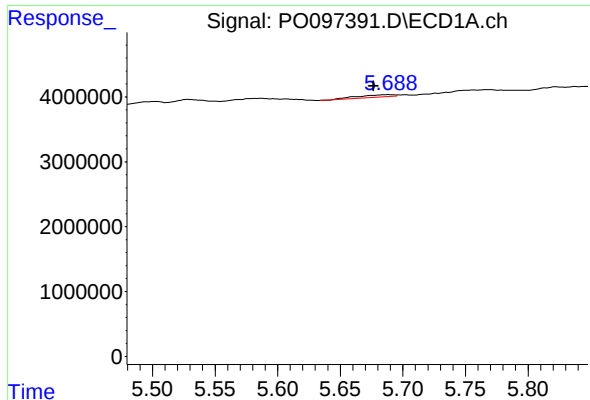
#4 AR-1016-2

R.T.: 5.608 min
Delta R.T.: -0.006 min
Response: 348419
Conc: 2.60 ng/ml



#4 AR-1016-2

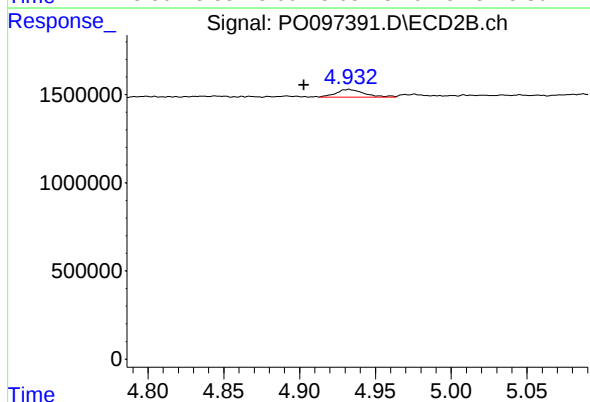
R.T.: 0.000 min
Exp R.T.: 4.726 min
Response: 0
Conc: N.D.



#5 AR-1016-3

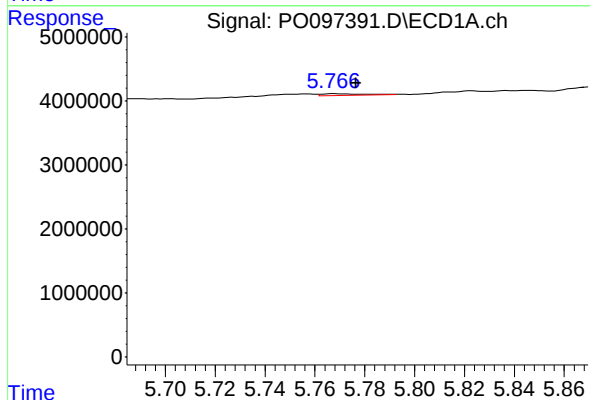
R.T.: 5.689 min
Delta R.T.: 0.012 min
Response: 702579
Conc: 8.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



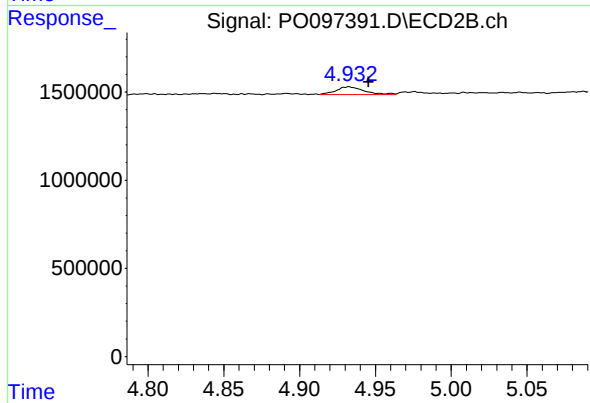
#5 AR-1016-3

R.T.: 4.932 min
Delta R.T.: 0.029 min
Response: 571814
Conc: 17.50 ng/ml



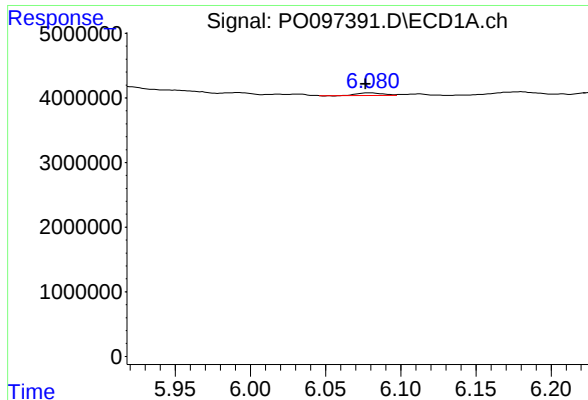
#6 AR-1016-4

R.T.: 5.768 min
Delta R.T.: -0.008 min
Response: 344052
Conc: 5.12 ng/ml



#6 AR-1016-4

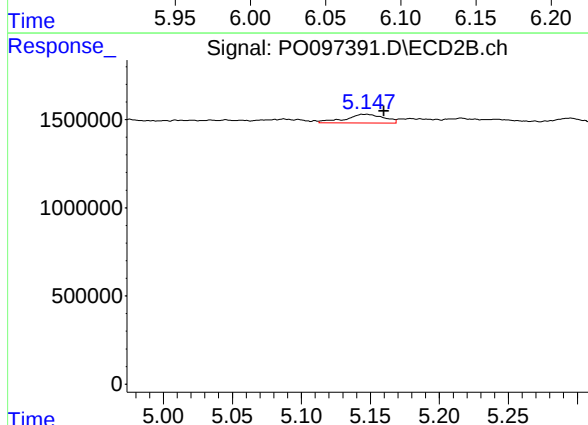
R.T.: 4.932 min
Delta R.T.: -0.013 min
Response: 571814
Conc: 20.00 ng/ml



#7 AR-1016-5

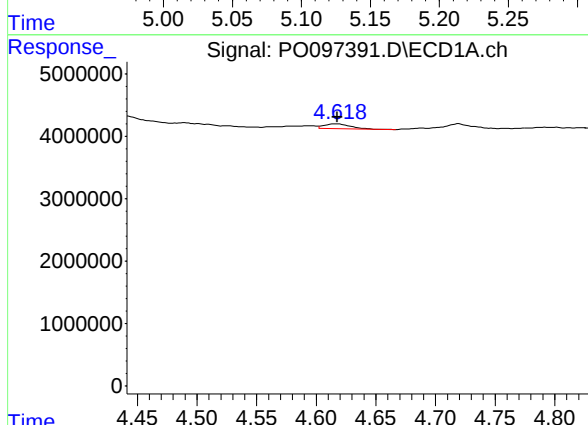
R.T.: 6.080 min
Delta R.T.: 0.003 min
Response: 496548
Conc: 7.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



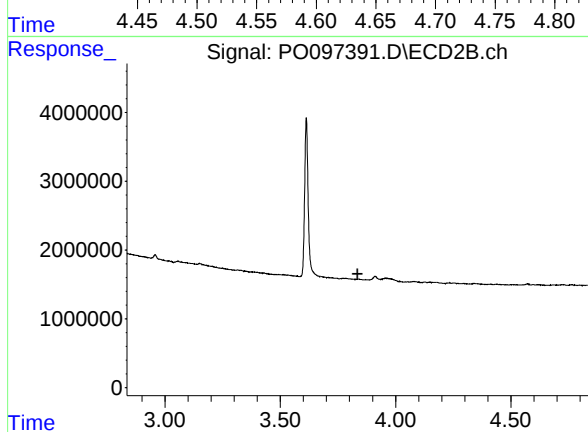
#7 AR-1016-5

R.T.: 5.147 min
Delta R.T.: -0.012 min
Response: 956674
Conc: 24.88 ng/ml



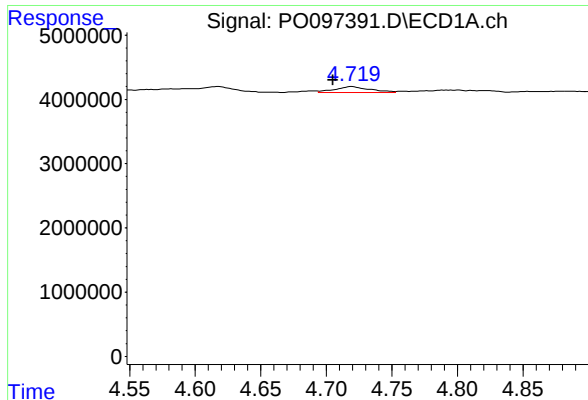
#8 AR-1221-1

R.T.: 4.618 min
Delta R.T.: 0.000 min
Response: 1168996
Conc: 28.68 ng/ml



#8 AR-1221-1

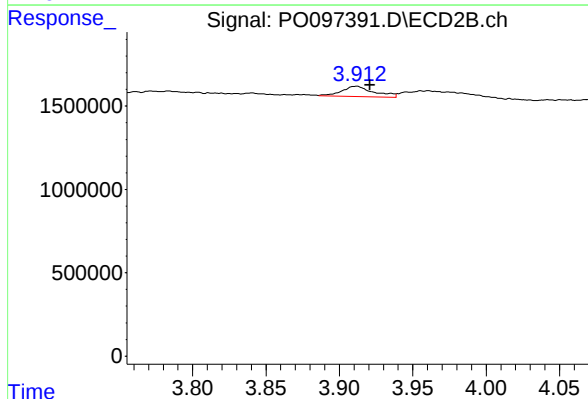
R.T.: 0.000 min
Exp R.T. : 3.835 min
Response: 0
Conc: N.D.



#9 AR-1221-2

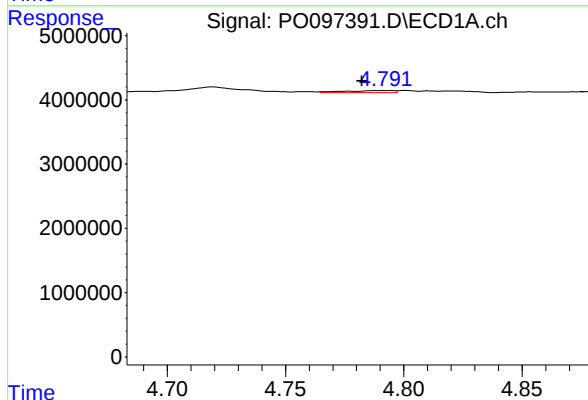
R.T.: 4.719 min
Delta R.T.: 0.015 min
Response: 1655556
Conc: 54.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



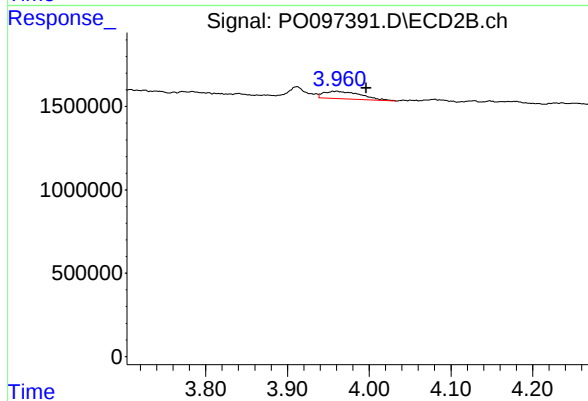
#9 AR-1221-2

R.T.: 3.911 min
Delta R.T.: -0.009 min
Response: 938174
Conc: 72.61 ng/ml



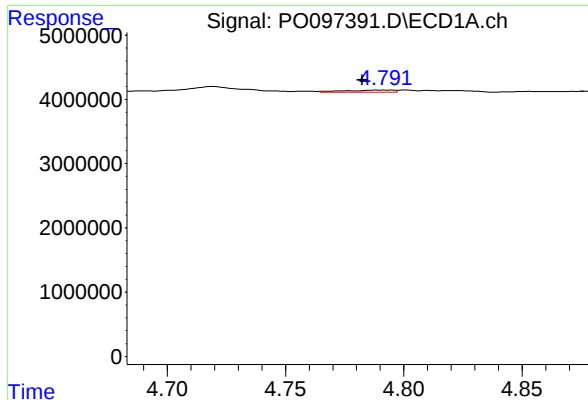
#10 AR-1221-3

R.T.: 4.792 min
Delta R.T.: 0.010 min
Response: 515249
Conc: 5.89 ng/ml



#10 AR-1221-3

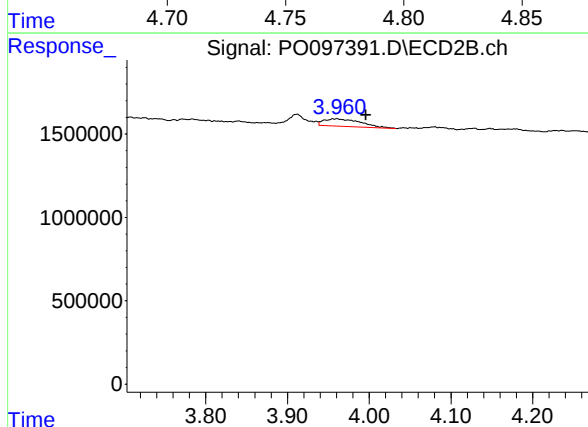
R.T.: 3.960 min
Delta R.T.: -0.036 min
Response: 1423563
Conc: 35.86 ng/ml



#11 AR-1232-1

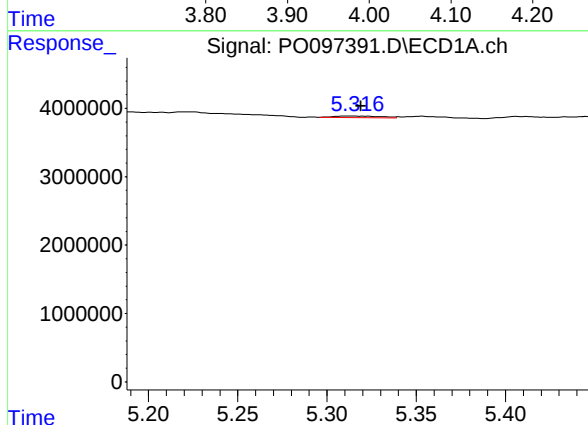
R.T.: 4.792 min
Delta R.T.: 0.009 min
Response: 515249
Conc: 7.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



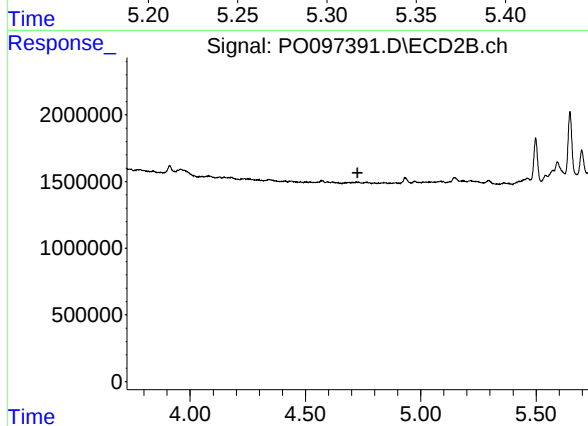
#11 AR-1232-1

R.T.: 3.960 min
Delta R.T.: -0.036 min
Response: 1423563
Conc: 44.01 ng/ml



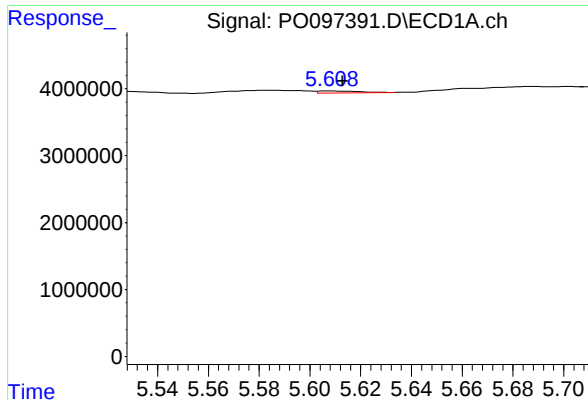
#12 AR-1232-2

R.T.: 5.315 min
Delta R.T.: -0.004 min
Response: 431175
Conc: 10.88 ng/ml



#12 AR-1232-2

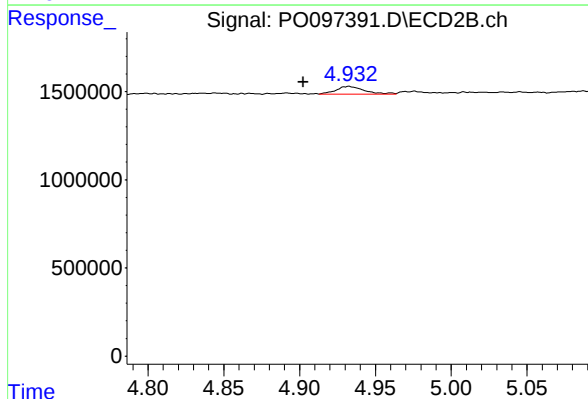
R.T.: 0.000 min
Exp R.T.: 4.726 min
Response: 0
Conc: N.D.



#13 AR-1232-3

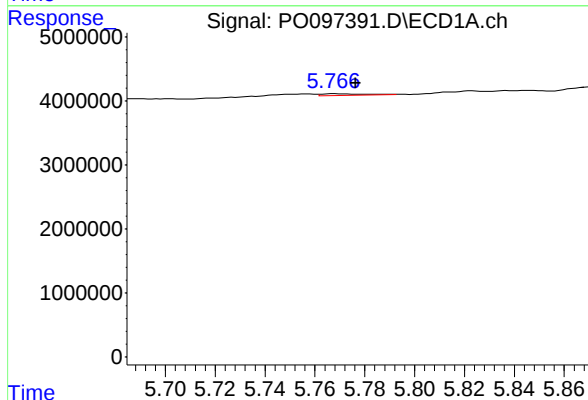
R.T.: 5.608 min
Delta R.T.: -0.005 min
Response: 348419
Conc: 5.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



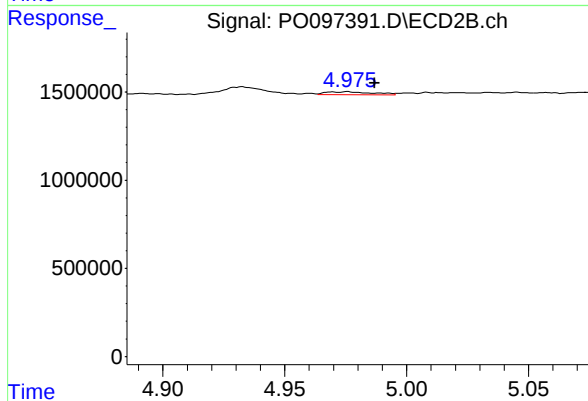
#13 AR-1232-3

R.T.: 4.932 min
Delta R.T.: 0.030 min
Response: 571814
Conc: 37.71 ng/ml



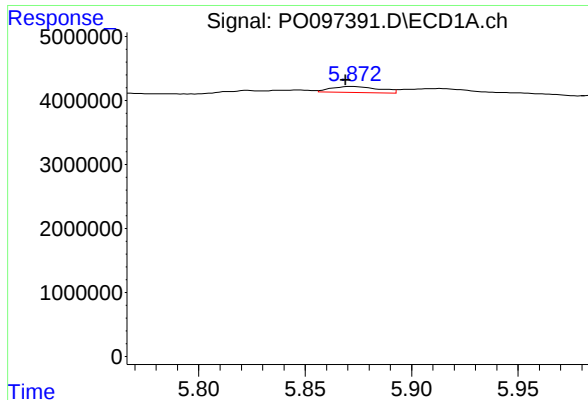
#14 AR-1232-4

R.T.: 5.768 min
Delta R.T.: -0.008 min
Response: 344052
Conc: 11.28 ng/ml



#14 AR-1232-4

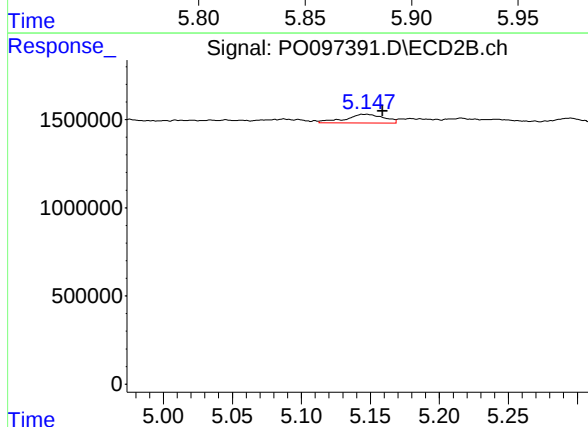
R.T.: 4.976 min
Delta R.T.: -0.011 min
Response: 225734
Conc: 15.10 ng/ml



#15 AR-1232-5

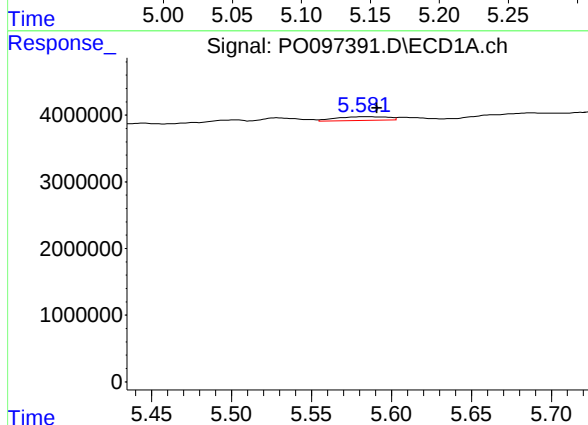
R.T.: 5.872 min
Delta R.T.: 0.003 min
Response: 1475519
Conc: 52.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



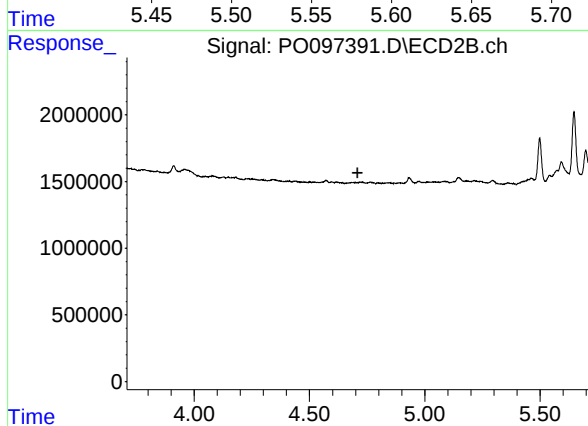
#15 AR-1232-5

R.T.: 5.147 min
Delta R.T.: -0.012 min
Response: 956674
Conc: 58.52 ng/ml



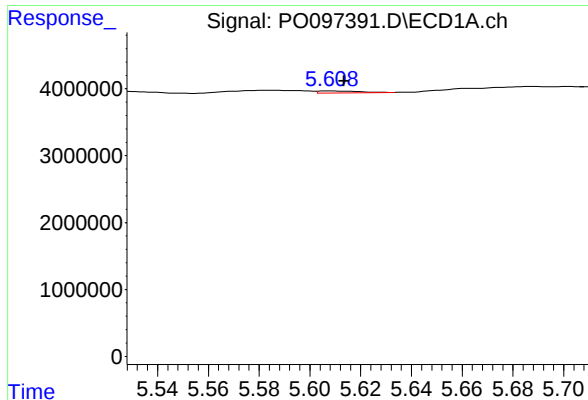
#16 AR-1242-1

R.T.: 5.583 min
Delta R.T.: -0.008 min
Response: 1216332
Conc: 14.51 ng/ml



#16 AR-1242-1

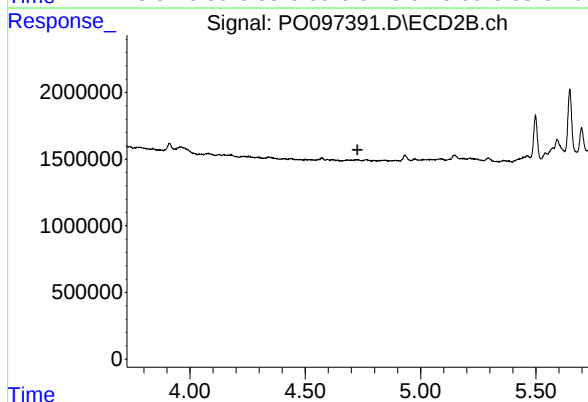
R.T.: 0.000 min
Exp R.T.: 4.708 min
Response: 0
Conc: N.D.



#17 AR-1242-2

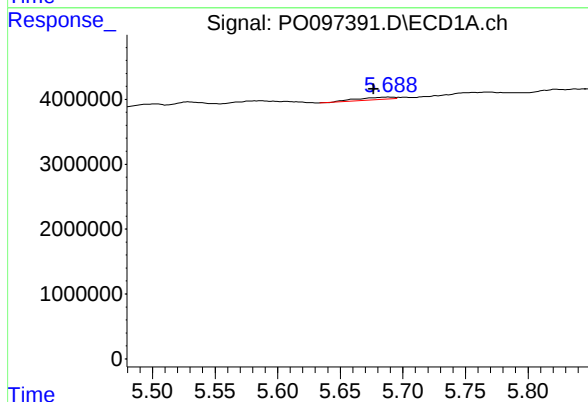
R.T.: 5.608 min
Delta R.T.: -0.005 min
Response: 348419
Conc: 2.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



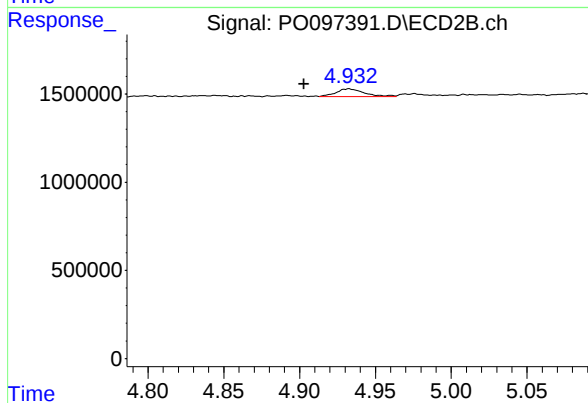
#17 AR-1242-2

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



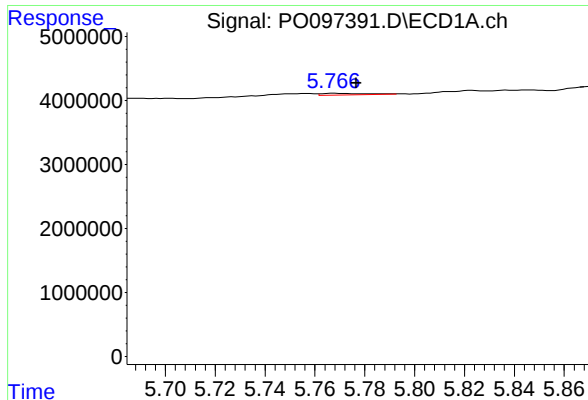
#18 AR-1242-3

R.T.: 5.689 min
Delta R.T.: 0.012 min
Response: 702579
Conc: 9.51 ng/ml



#18 AR-1242-3

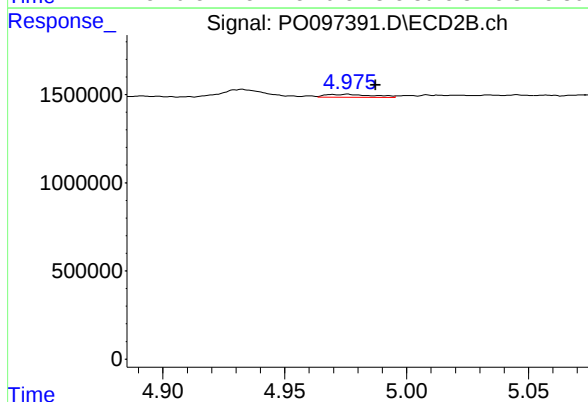
R.T.: 4.932 min
Delta R.T.: 0.029 min
Response: 571814
Conc: 19.34 ng/ml



#19 AR-1242-4

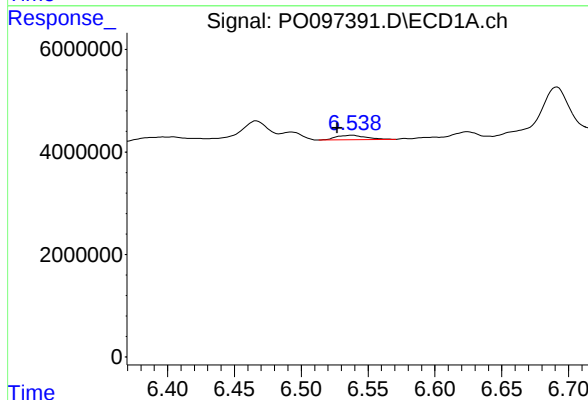
R.T.: 5.768 min
Delta R.T.: -0.009 min
Response: 344052
Conc: 5.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



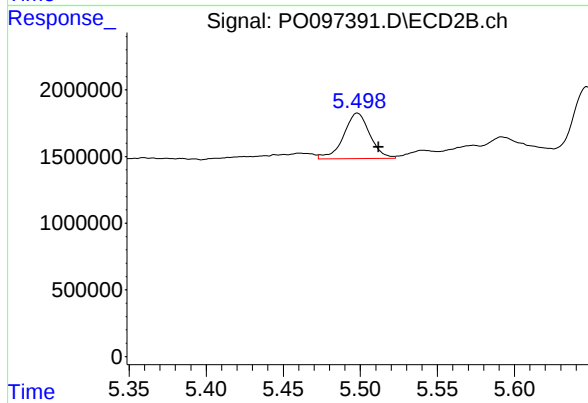
#19 AR-1242-4

R.T.: 4.976 min
Delta R.T.: -0.011 min
Response: 225734
Conc: 7.16 ng/ml



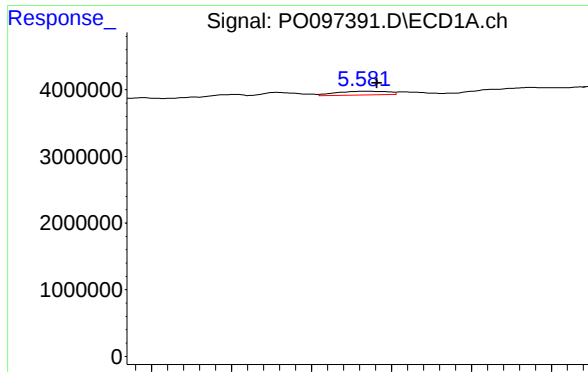
#20 AR-1242-5

R.T.: 6.538 min
Delta R.T.: 0.011 min
Response: 1399796
Conc: 25.44 ng/ml



#20 AR-1242-5

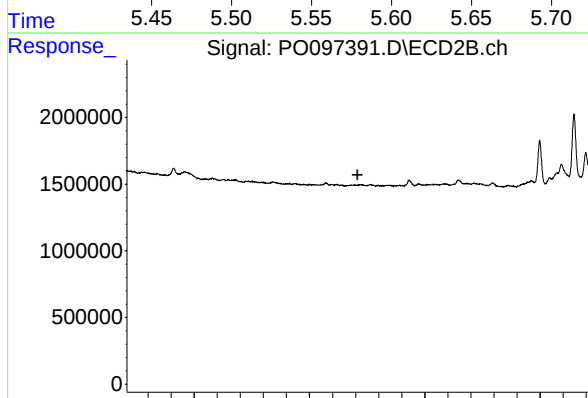
R.T.: 5.498 min
Delta R.T.: -0.014 min
Response: 4020974
Conc: 110.36 ng/ml



#21 AR-1248-1

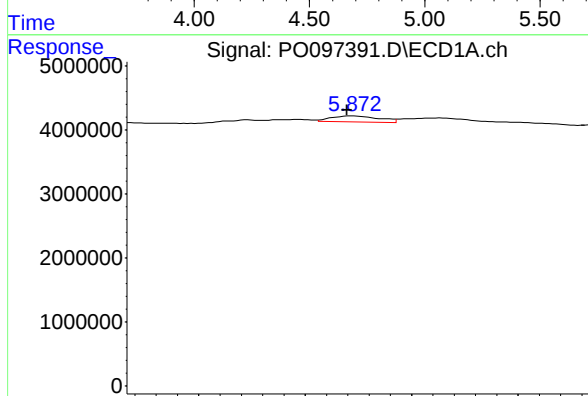
R.T.: 5.583 min
Delta R.T.: -0.008 min
Response: 1216332
Conc: 20.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



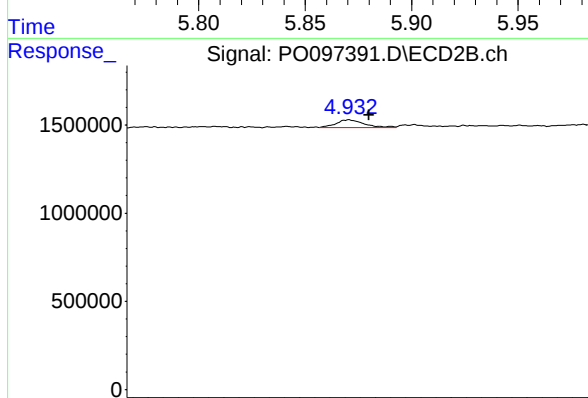
#21 AR-1248-1

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



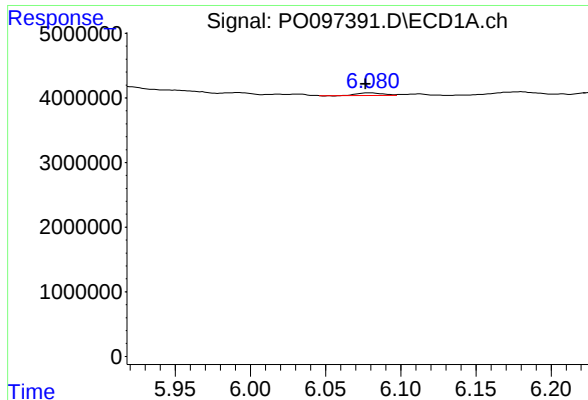
#22 AR-1248-2

R.T.: 5.872 min
Delta R.T.: 0.003 min
Response: 1475519
Conc: 15.69 ng/ml



#22 AR-1248-2

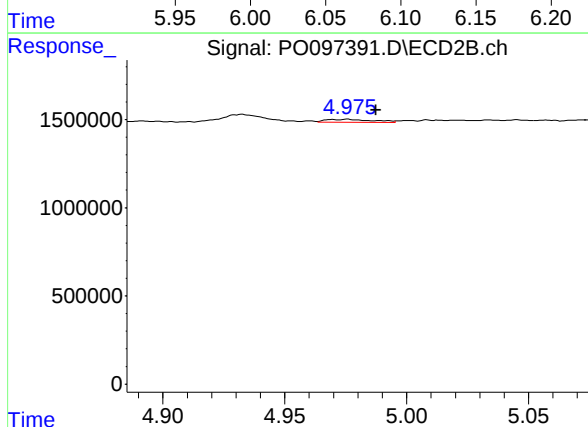
R.T.: 4.932 min
Delta R.T.: -0.013 min
Response: 571814
Conc: 13.49 ng/ml



#23 AR-1248-3

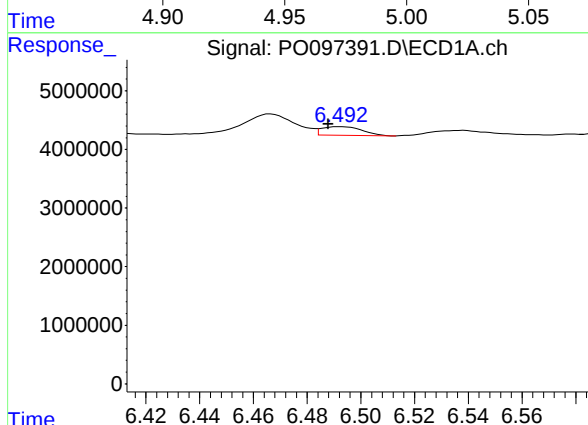
R.T.: 6.080 min
Delta R.T.: 0.003 min
Response: 496548
Conc: 5.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



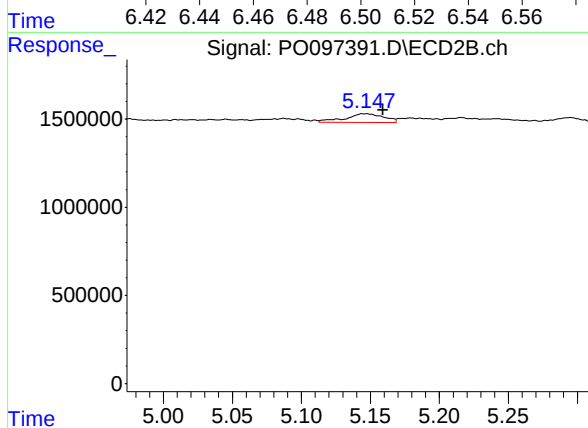
#23 AR-1248-3

R.T.: 4.976 min
Delta R.T.: -0.012 min
Response: 225734
Conc: 5.15 ng/ml



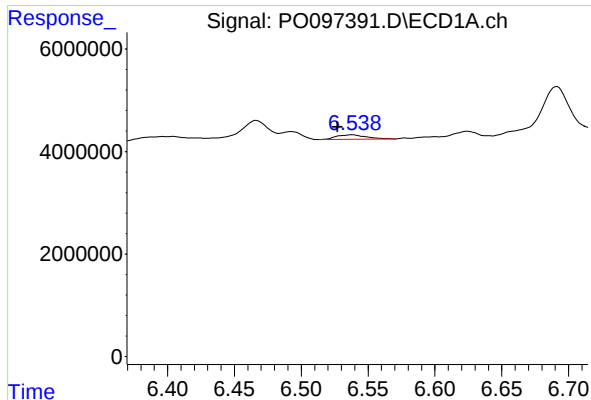
#24 AR-1248-4

R.T.: 6.493 min
Delta R.T.: 0.005 min
Response: 1543532
Conc: 16.99 ng/ml



#24 AR-1248-4

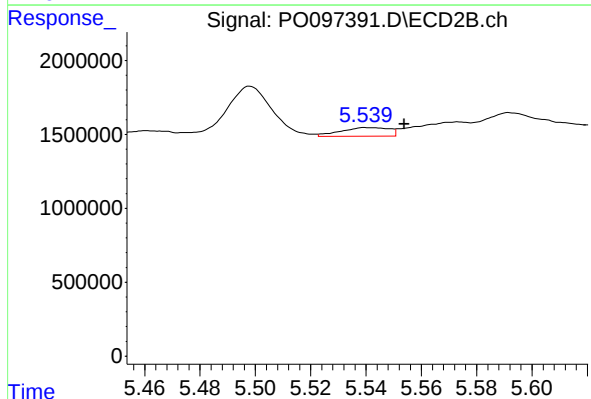
R.T.: 5.147 min
Delta R.T.: -0.012 min
Response: 956674
Conc: 18.74 ng/ml



#25 AR-1248-5

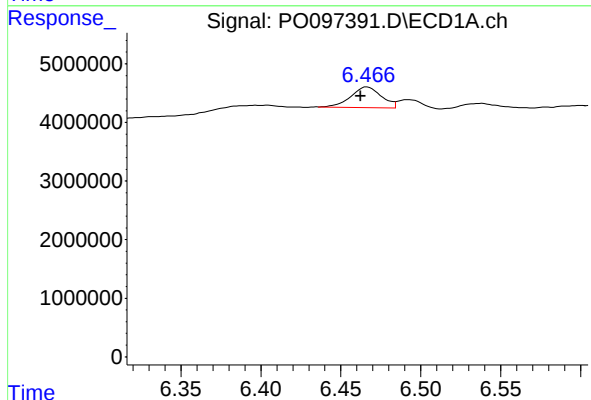
R.T.: 6.538 min
Delta R.T.: 0.011 min
Response: 1399796
Conc: 15.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



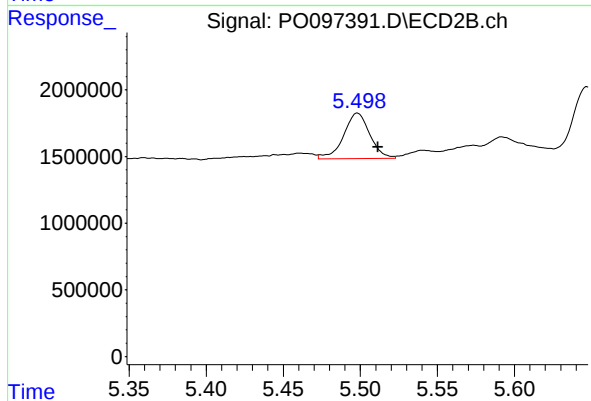
#25 AR-1248-5

R.T.: 5.540 min
Delta R.T.: -0.013 min
Response: 709563
Conc: 15.18 ng/ml



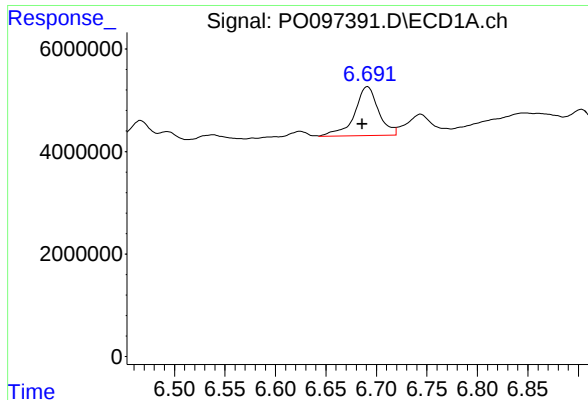
#26 AR-1254-1

R.T.: 6.466 min
Delta R.T.: 0.004 min
Response: 4713457
Conc: 43.13 ng/ml



#26 AR-1254-1

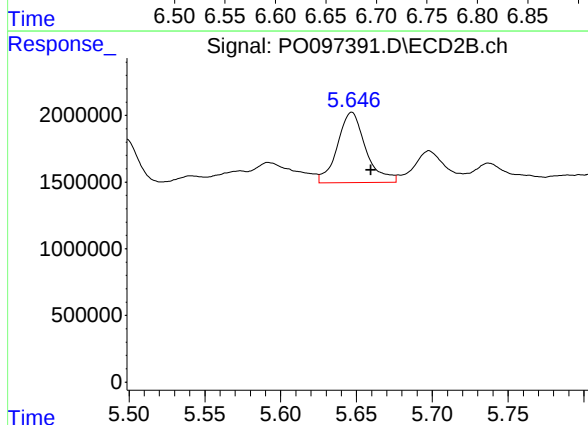
R.T.: 5.498 min
Delta R.T.: -0.013 min
Response: 4020974
Conc: 54.49 ng/ml



#27 AR-1254-2

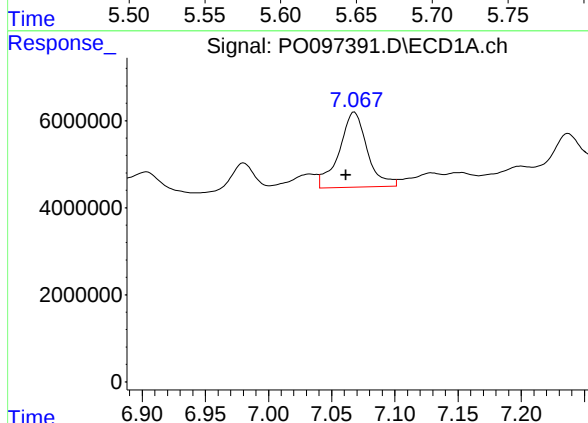
R.T.: 6.691 min
Delta R.T.: 0.005 min
Response: 15912207
Conc: 98.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



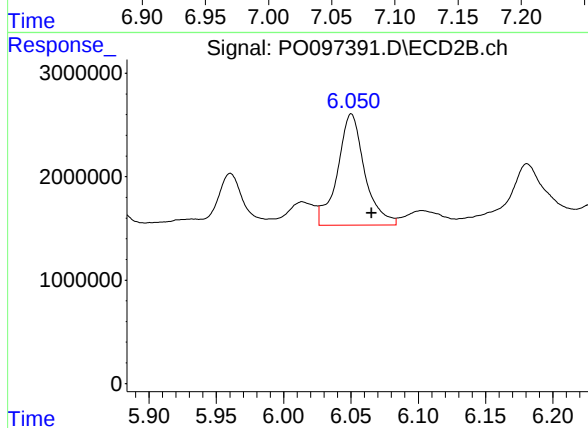
#27 AR-1254-2

R.T.: 5.647 min
Delta R.T.: -0.013 min
Response: 6837681
Conc: 103.79 ng/ml



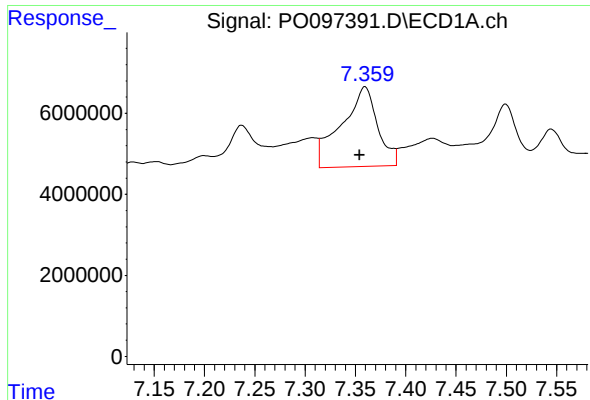
#28 AR-1254-3

R.T.: 7.068 min
Delta R.T.: 0.007 min
Response: 26667418
Conc: 170.18 ng/ml



#28 AR-1254-3

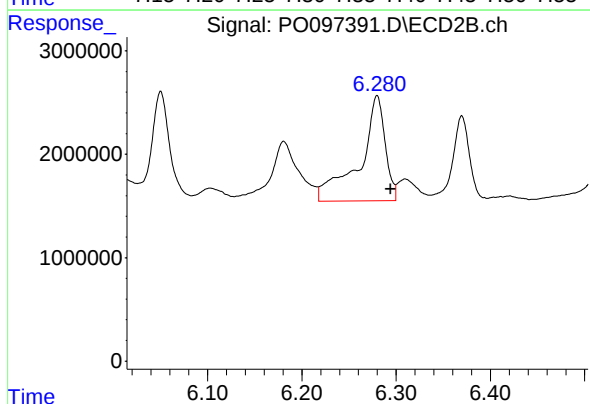
R.T.: 6.050 min
Delta R.T.: -0.015 min
Response: 15170081
Conc: 150.11 ng/ml



#29 AR-1254-4

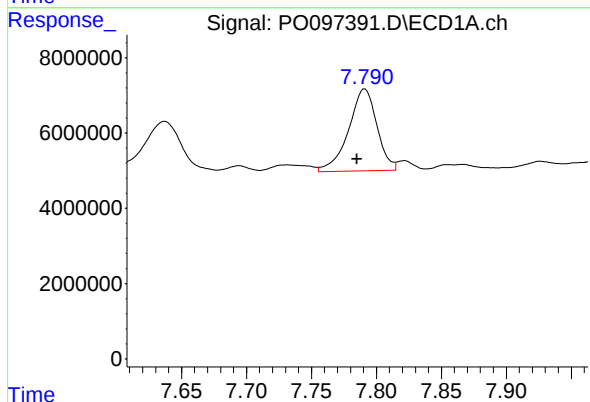
R.T.: 7.360 min
Delta R.T.: 0.006 min
Response: 49563737
Conc: 491.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



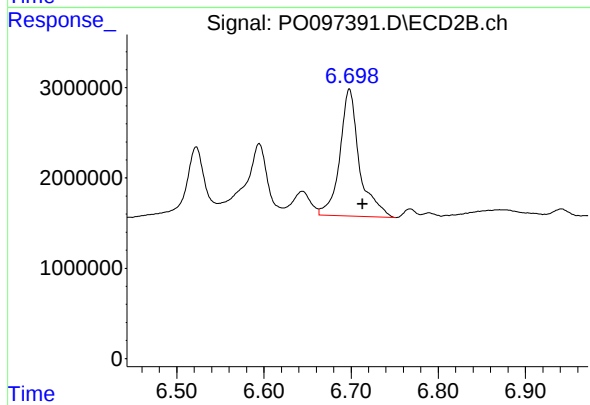
#29 AR-1254-4

R.T.: 6.280 min
Delta R.T.: -0.014 min
Response: 19161841
Conc: 331.09 ng/ml



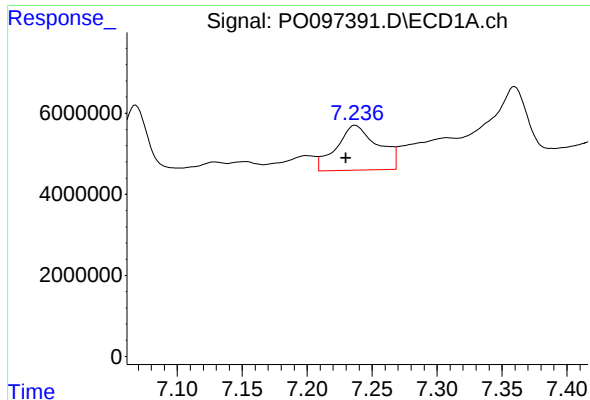
#30 AR-1254-5

R.T.: 7.791 min
Delta R.T.: 0.006 min
Response: 32983626
Conc: 293.93 ng/ml



#30 AR-1254-5

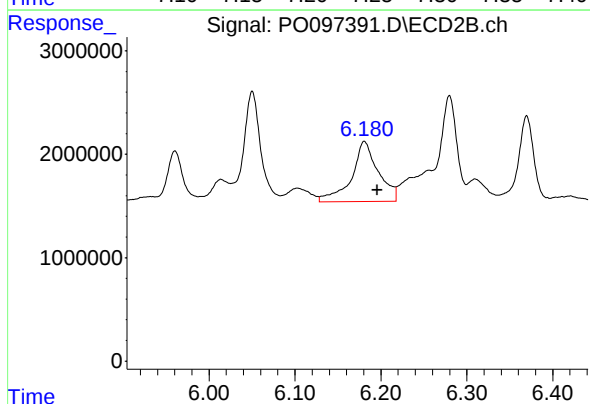
R.T.: 6.698 min
Delta R.T.: -0.015 min
Response: 21948311
Conc: 249.65 ng/ml



#31 AR-1260-1

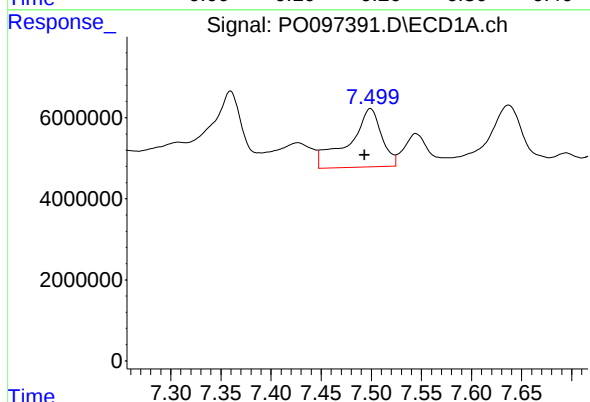
R.T.: 7.237 min
Delta R.T.: 0.007 min
Response: 24664932
Conc: 196.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



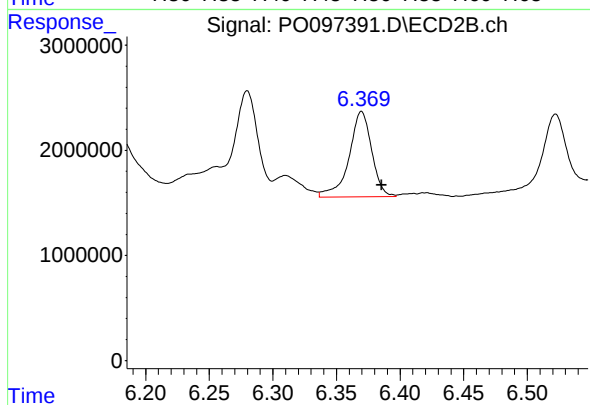
#31 AR-1260-1

R.T.: 6.181 min
Delta R.T.: -0.015 min
Response: 12610148
Conc: 179.20 ng/ml



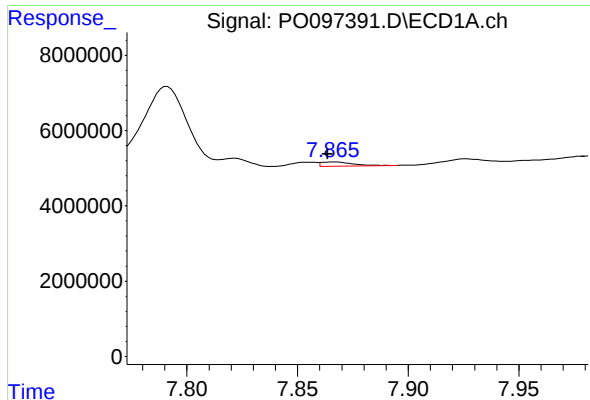
#32 AR-1260-2

R.T.: 7.499 min
Delta R.T.: 0.006 min
Response: 32779647
Conc: 243.29 ng/ml



#32 AR-1260-2

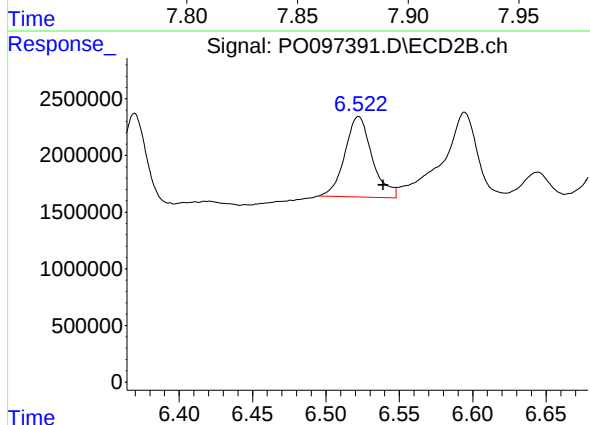
R.T.: 6.370 min
Delta R.T.: -0.016 min
Response: 10051506
Conc: 120.43 ng/ml



#33 AR-1260-3

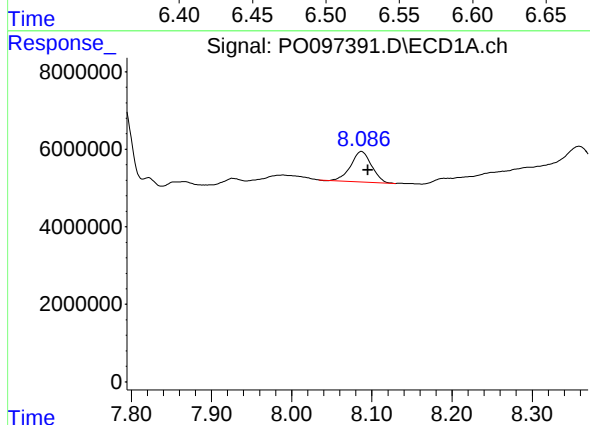
R.T.: 7.866 min
Delta R.T.: 0.002 min
Response: 1107773
Conc: 10.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



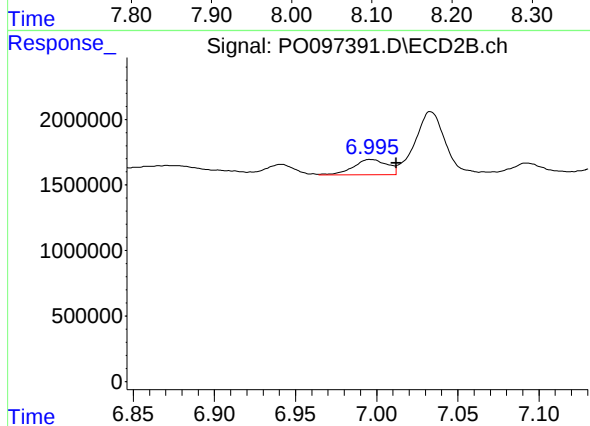
#33 AR-1260-3

R.T.: 6.522 min
Delta R.T.: -0.017 min
Response: 9177467
Conc: 118.85 ng/ml



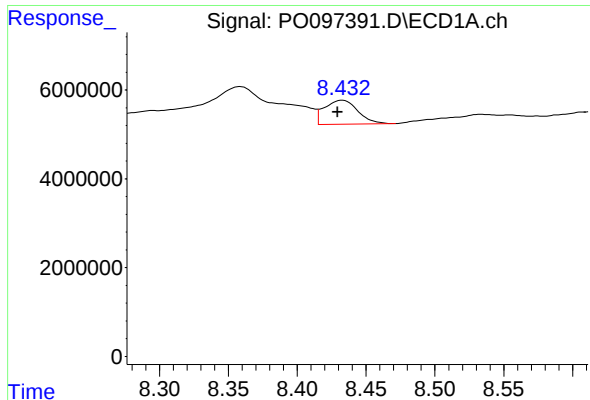
#34 AR-1260-4

R.T.: 8.087 min
Delta R.T.: -0.008 min
Response: 14153104
Conc: 126.59 ng/ml



#34 AR-1260-4

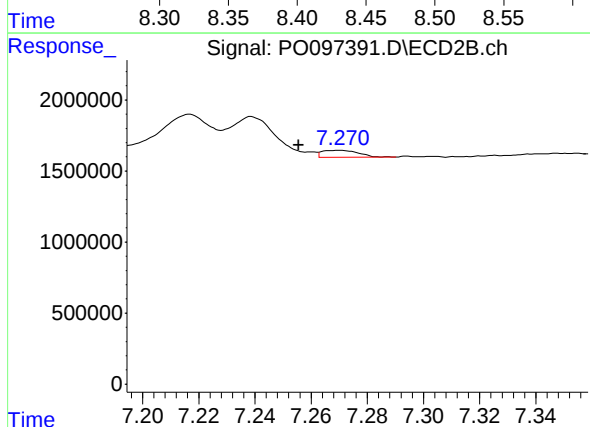
R.T.: 6.996 min
Delta R.T.: -0.016 min
Response: 1698933
Conc: 26.51 ng/ml



#35 AR-1260-5

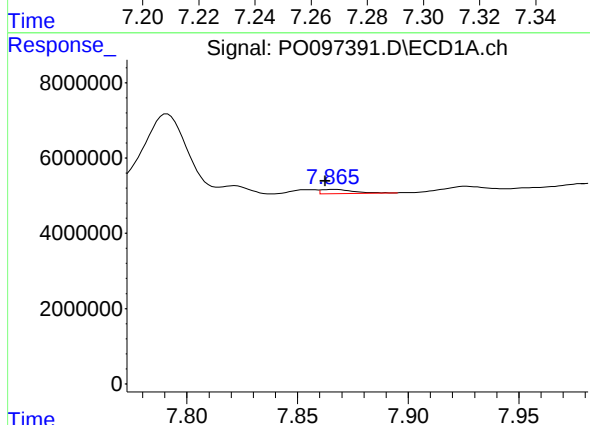
R.T.: 8.433 min
Delta R.T.: 0.003 min
Response: 9147640
Conc: 43.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



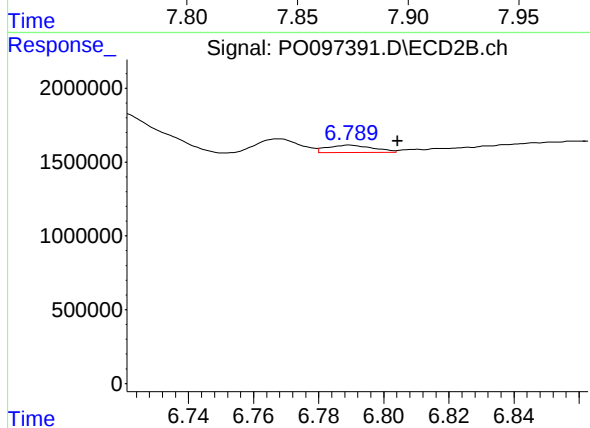
#35 AR-1260-5

R.T.: 7.270 min
Delta R.T.: 0.015 min
Response: 434016
Conc: 3.13 ng/ml



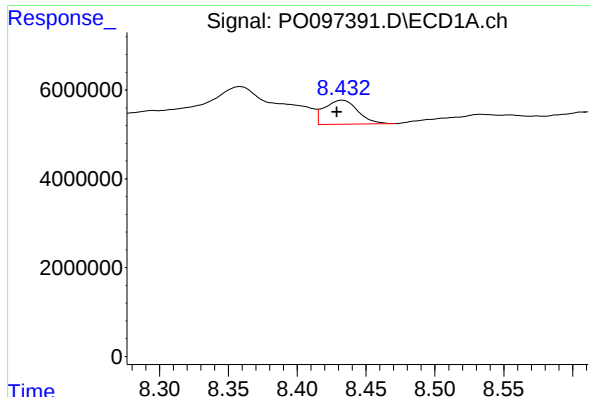
#36 AR-1262-1

R.T.: 7.866 min
Delta R.T.: 0.004 min
Response: 1107773
Conc: 7.46 ng/ml



#36 AR-1262-1

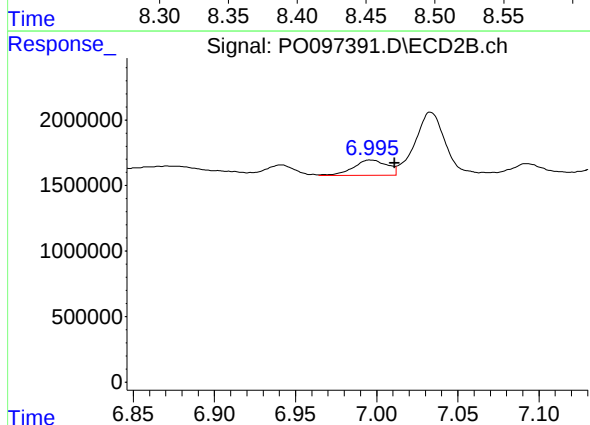
R.T.: 6.789 min
Delta R.T.: -0.015 min
Response: 497270
Conc: 12.63 ng/ml



#37 AR-1262-2

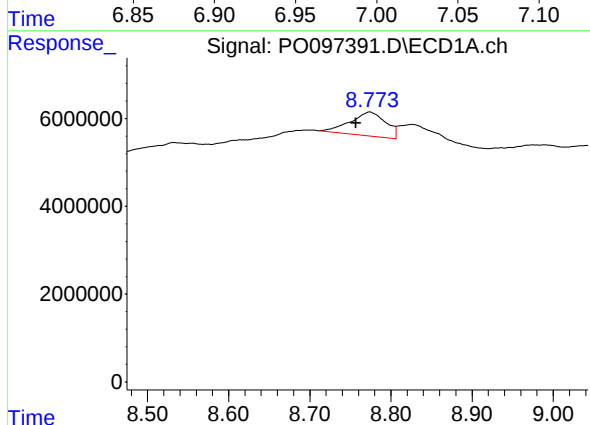
R.T.: 8.433 min
Delta R.T.: 0.004 min
Response: 9147640
Conc: 39.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



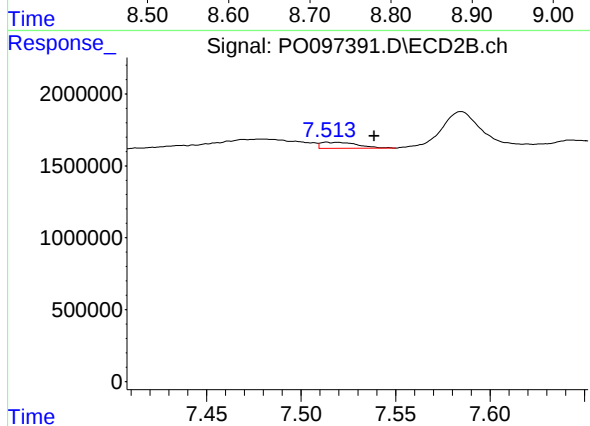
#37 AR-1262-2

R.T.: 6.996 min
Delta R.T.: -0.015 min
Response: 1698933
Conc: 20.95 ng/ml



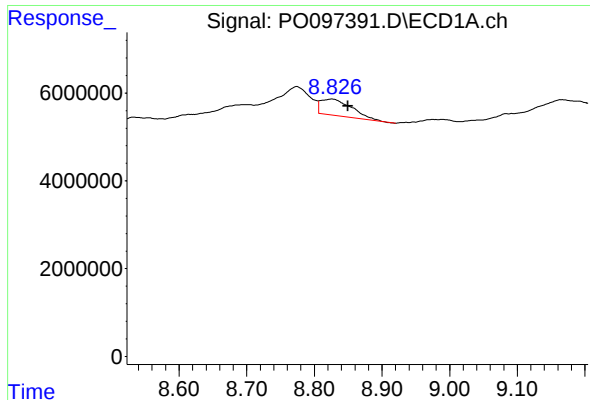
#38 AR-1262-3

R.T.: 8.774 min
Delta R.T.: 0.017 min
Response: 16605561
Conc: 99.55 ng/ml



#38 AR-1262-3

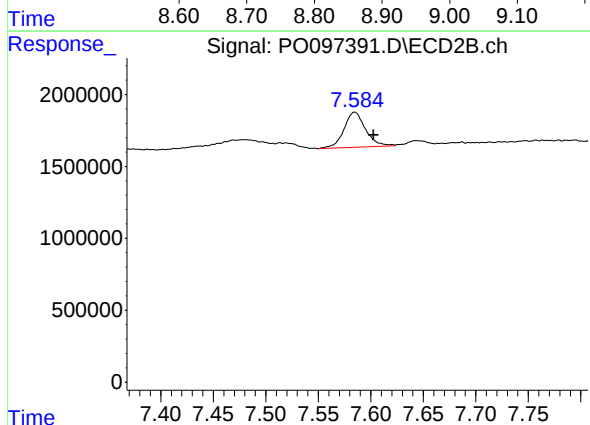
R.T.: 7.514 min
Delta R.T.: -0.025 min
Response: 565879
Conc: 8.82 ng/ml



#39 AR-1262-4

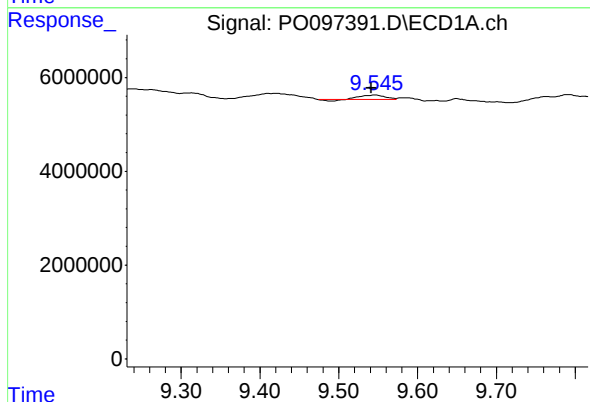
R.T.: 8.826 min
Delta R.T.: -0.023 min
Response: 11626010
Conc: 159.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



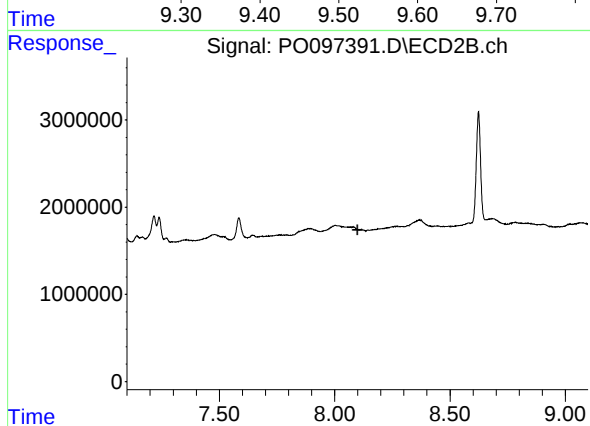
#39 AR-1262-4

R.T.: 7.585 min
Delta R.T.: -0.018 min
Response: 3512343
Conc: 30.92 ng/ml



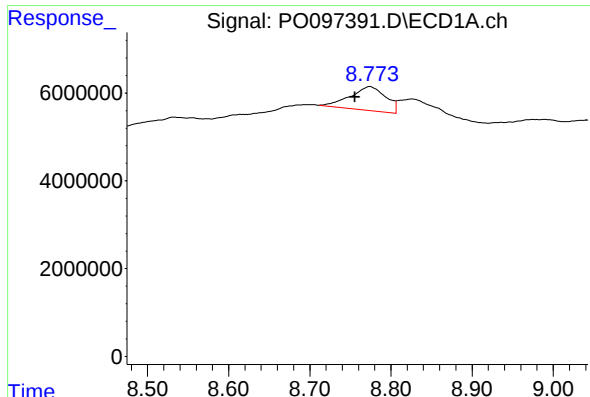
#40 AR-1262-5

R.T.: 9.546 min
Delta R.T.: 0.004 min
Response: 1793588
Conc: 21.54 ng/ml



#40 AR-1262-5

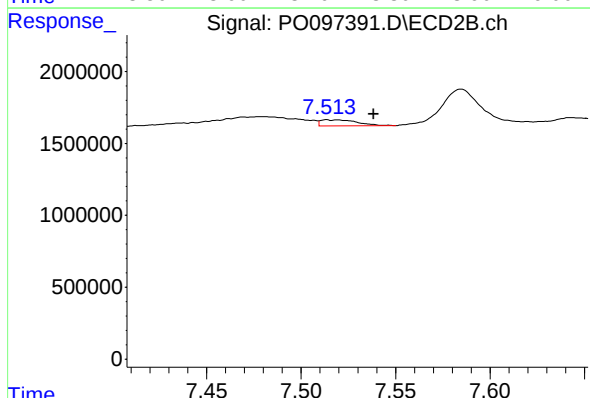
R.T.: 0.000 min
Exp R.T.: 8.099 min
Response: 0
Conc: N.D.



#41 AR-1268-1

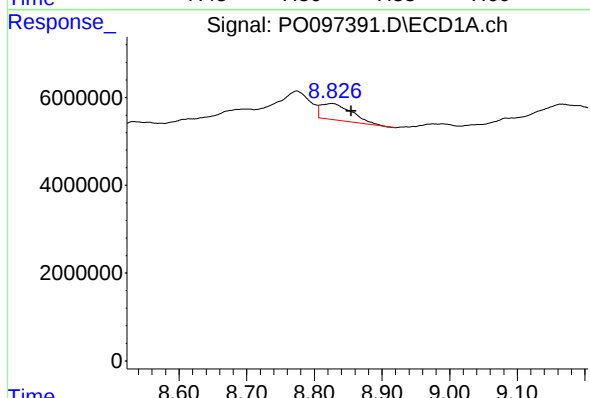
R.T.: 8.774 min
Delta R.T.: 0.019 min
Response: 16605561
Conc: 54.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



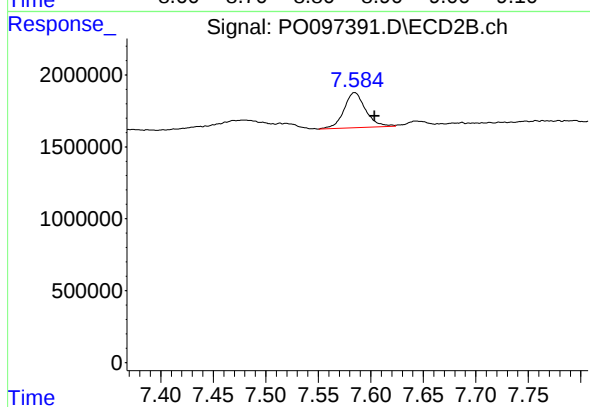
#41 AR-1268-1

R.T.: 7.514 min
Delta R.T.: -0.025 min
Response: 565879
Conc: 3.05 ng/ml



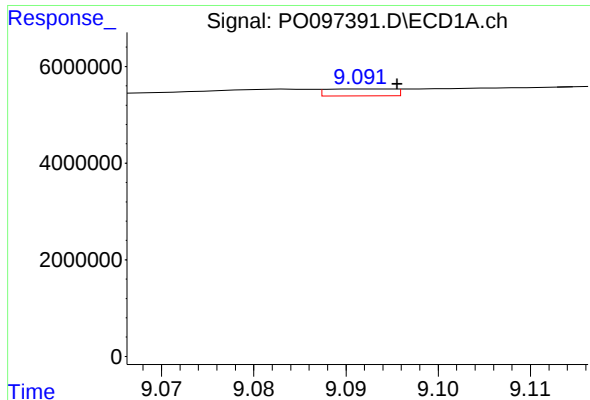
#42 AR-1268-2

R.T.: 8.826 min
Delta R.T.: -0.028 min
Response: 11626010
Conc: 42.40 ng/ml



#42 AR-1268-2

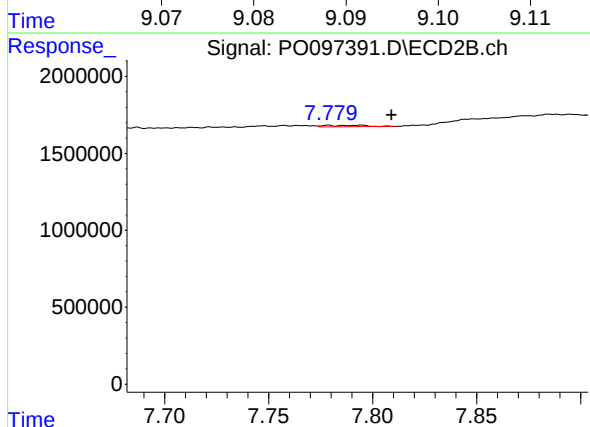
R.T.: 7.585 min
Delta R.T.: -0.019 min
Response: 3512343
Conc: 20.95 ng/ml



#43 AR-1268-3

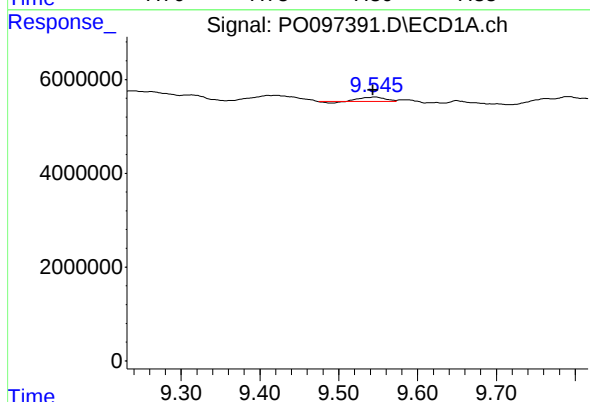
R.T.: 9.092 min
Delta R.T.: -0.003 min
Response: 716009
Conc: 2.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



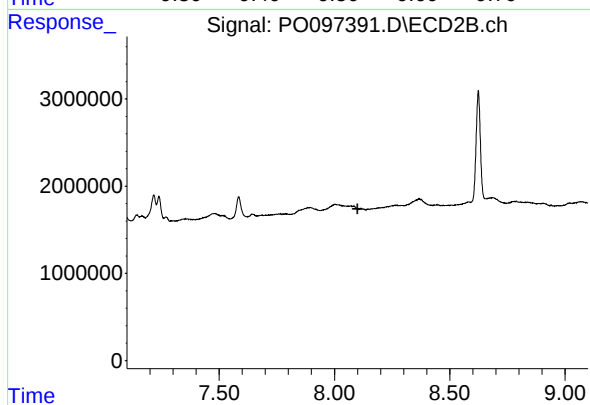
#43 AR-1268-3

R.T.: 7.795 min
Delta R.T.: -0.015 min
Response: 125888
Conc: 0.87 ng/ml



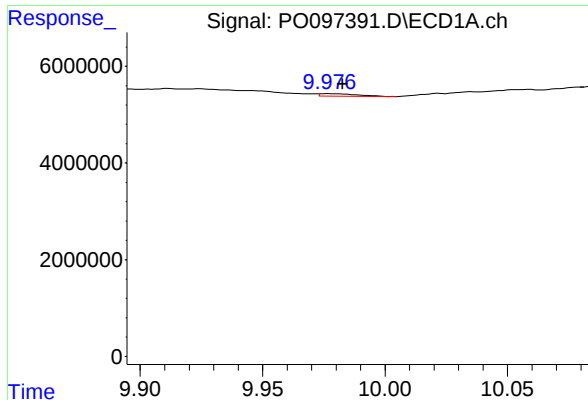
#44 AR-1268-4

R.T.: 9.546 min
Delta R.T.: 0.003 min
Response: 1793588
Conc: 19.35 ng/ml



#44 AR-1268-4

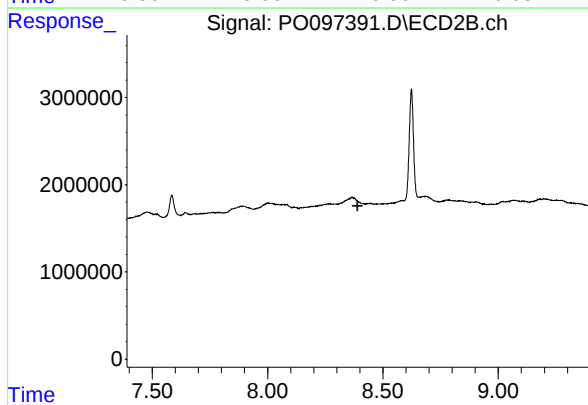
R.T.: 0.000 min
Exp R.T. : 8.100 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.977 min
Delta R.T.: -0.006 min
Response: 530311
Conc: 0.66 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.