

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082223\
 Data File : P0097398.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2023 21:54
 Operator : YP/AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 01:42:03 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...	4.407	3.611	167.5E6	64840044	50.616	48.981
2) SA Decachlor...	10.338	8.622	116.9E6	54220065	53.437	46.865
Target Compounds						
3) L1 AR-1016-1	5.592	4.713	1505609	471369	15.986	10.632 #
4) L1 AR-1016-2	5.617	4.713	1687347	471369	12.613	7.706 #
5) L1 AR-1016-3	5.680	4.890	831173	293163	9.551	8.974
6) L1 AR-1016-4	5.778	4.932	596027	14532489	8.873	508.371 #
7) L1 AR-1016-5	6.079	5.145	18976050	11305664	271.797	294.063
8) L2 AR-1221-1	4.616	0.000	158493	0	3.889	N.D. #
9) L2 AR-1221-2	4.718	3.911	2571519	891067	84.646	68.964
10) L2 AR-1221-3	4.783	3.984	649167	269450	7.416	6.788
11) L3 AR-1232-1	4.783	3.984	649167	269450	8.901	8.330
12) L3 AR-1232-2	5.321	4.713	872919	471369	22.018	16.337 #
13) L3 AR-1232-3	5.617	4.890	1687347	293163	27.583	19.336 #
14) L3 AR-1232-4	5.778	4.972	596027	4545895	19.533	304.182 #
15) L3 AR-1232-5	5.871	5.145	33282308	11305664	1189.368	691.614 #
16) L4 AR-1242-1	5.592	4.713	1505609	471369	17.963	11.956 #
17) L4 AR-1242-2	5.617	4.713	1687347	471369	14.328	8.650 #
18) L4 AR-1242-3	5.680	4.890	831173	293163	11.251	9.915
19) L4 AR-1242-4	5.778	4.972	596027	4545895	10.012	144.251 #
20) L4 AR-1242-5	6.536	5.498	15770821	36662571	286.639	1006.213 #
21) L5 AR-1248-1	5.592	4.713	1505609	471369	25.696	16.797 #
22) L5 AR-1248-2	5.871	4.932	33282308	14532489	354.001	342.901
23) L5 AR-1248-3	6.079	4.972	18976050	4545895	194.012	103.634 #
24) L5 AR-1248-4	6.492	5.145	24285005	11305664	267.328	221.463
25) L5 AR-1248-5	6.536	5.538	15770821	5324141	179.039	113.881 #
26) L6 AR-1254-1	6.466	5.498	52250966	36662571	478.092	496.808
27) L6 AR-1254-2	6.690	5.646	80063202	33120965	496.585	502.745
28) L6 AR-1254-3	7.066	6.050	83294927	51418118	531.567	508.775
29) L6 AR-1254-4	7.359	6.279	64543058	35258518	640.193	609.220
30) L6 AR-1254-5	7.789	6.698	68342249	47355099	609.033	538.646
31) L7 AR-1260-1	7.235	6.180	34024683	26960504	270.708	383.136 #
32) L7 AR-1260-2	7.498	6.369	38238649	22286411	283.806	267.021
33) L7 AR-1260-3	7.852	6.521	9467414	19822462	91.231	256.702 #
34) L7 AR-1260-4	8.086	6.995	27925649	2269445	249.774	35.415 #
35) L7 AR-1260-5	8.432	7.269	10911454	1703110	51.964	12.285 #
36) L8 AR-1262-1	7.852	6.766f	9467414	4972792	63.742	126.313 #
37) L8 AR-1262-2	8.432	6.995	10911454	2269445	47.140	27.982 #
38) L8 AR-1262-3	8.775	7.525	7856535	203037	47.102	3.164 #
39) L8 AR-1262-4	8.824	7.584	2174309	5170448	29.823	45.514 #
40) L8 AR-1262-5	9.537	8.080	348812	166468	4.189	3.170
41) L9 AR-1268-1	8.775	7.525	7856535	203037	25.558	1.096 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082223\
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 Acq On : 22 Aug 2023 21:54
 Operator : YP/AJ
 Sample : AR1254CCC500
 Misc :
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Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 01:42:03 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

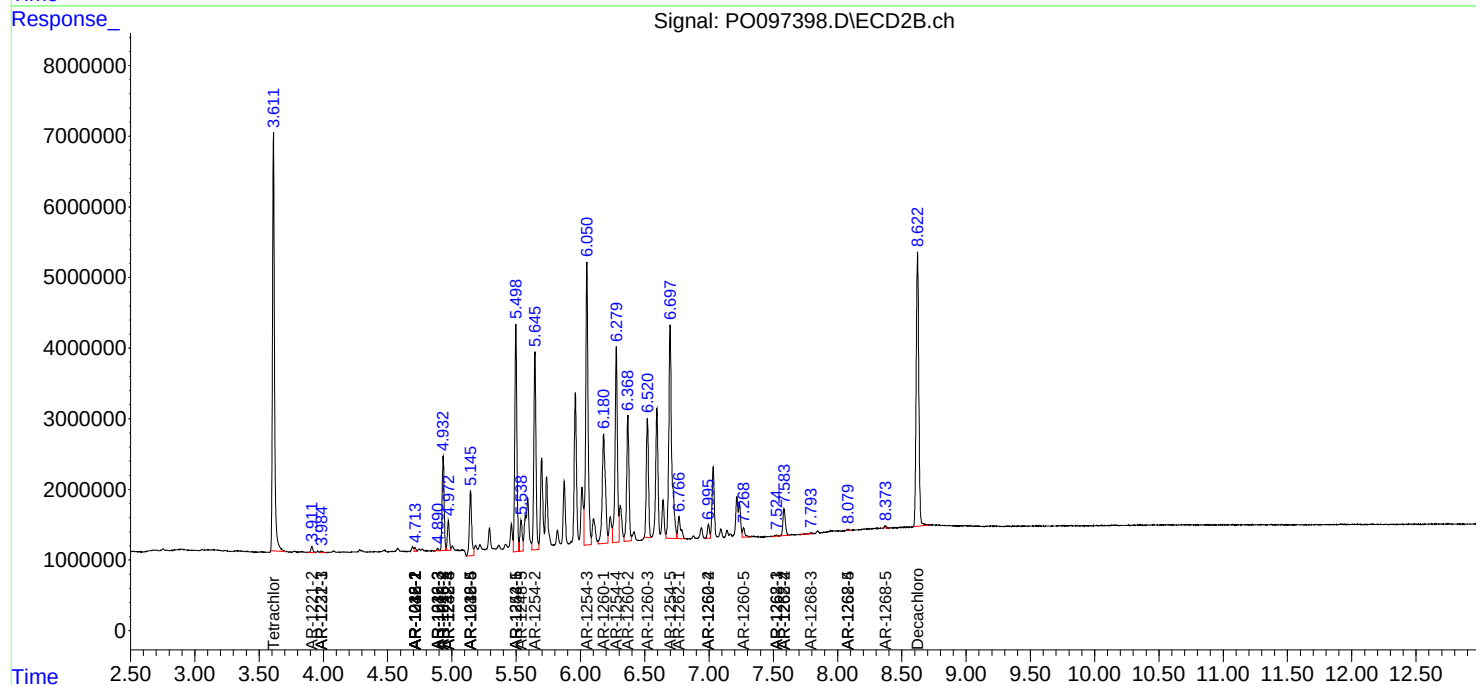
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

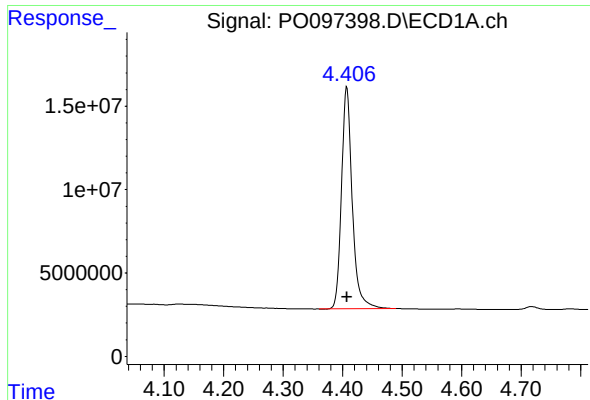
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.884	7.584	118877	5170448	0.434	30.834 #
43) L9	AR-1268-3	9.099	7.793	455383	134953	1.783	0.934 #
44) L9	AR-1268-4	9.537	8.080	348812	166468	3.762	2.794 #
45) L9	AR-1268-5	9.985	8.373	418427	278135	0.518	0.669 #

(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

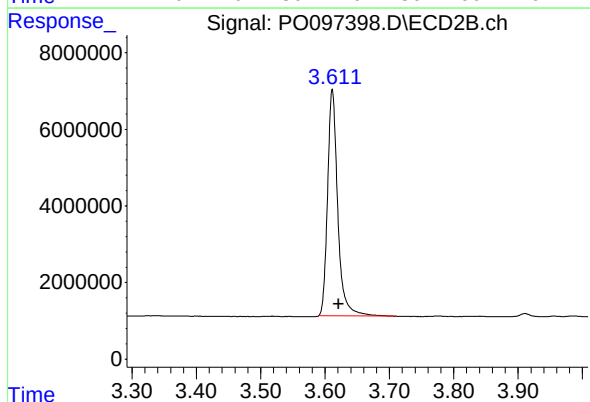




#1 Tetrachloro-m-xylene

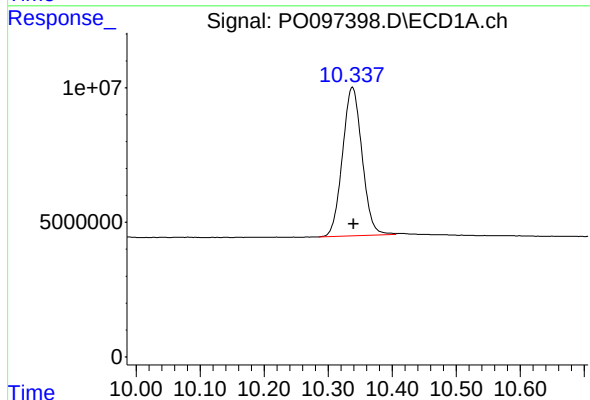
R.T.: 4.407 min
Delta R.T.: 0.000 min
Response: 167549362
Conc: 50.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



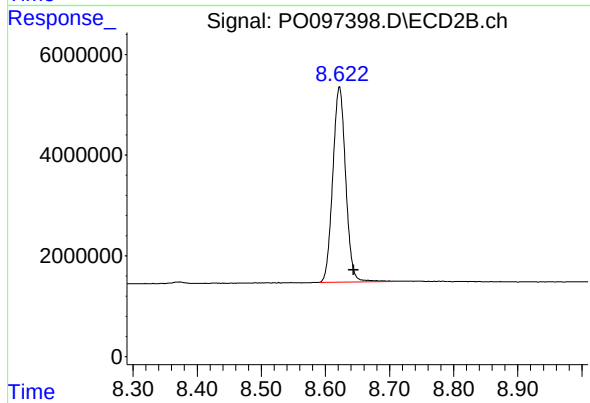
#1 Tetrachloro-m-xylene

R.T.: 3.611 min
Delta R.T.: -0.010 min
Response: 64840044
Conc: 48.98 ng/ml



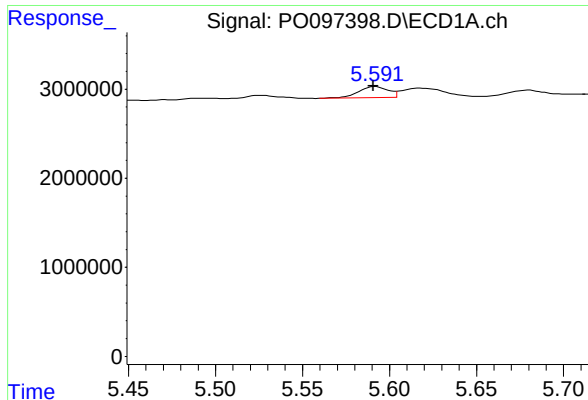
#2 Decachlorobiphenyl

R.T.: 10.338 min
Delta R.T.: -0.002 min
Response: 116930581
Conc: 53.44 ng/ml



#2 Decachlorobiphenyl

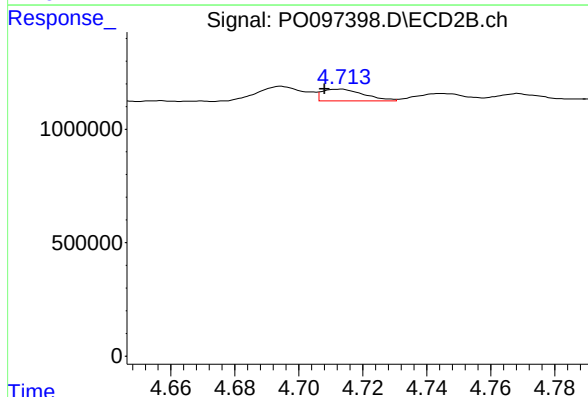
R.T.: 8.622 min
Delta R.T.: -0.022 min
Response: 54220065
Conc: 46.87 ng/ml



#3 AR-1016-1

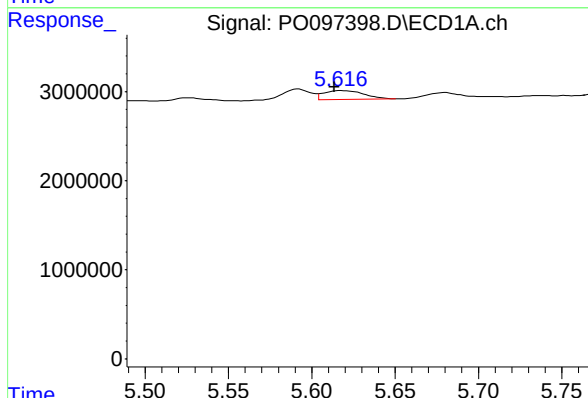
R.T.: 5.592 min
Delta R.T.: 0.001 min
Response: 1505609
Conc: 15.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



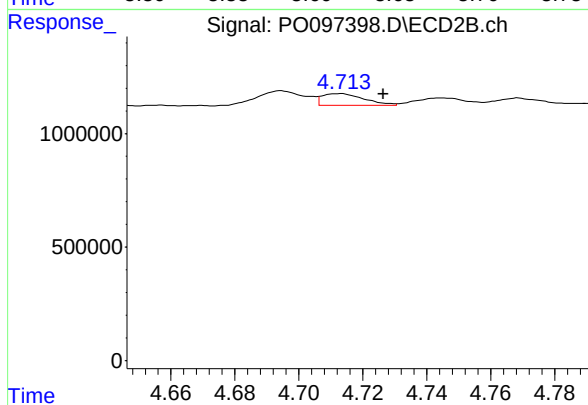
#3 AR-1016-1

R.T.: 4.713 min
Delta R.T.: 0.005 min
Response: 471369
Conc: 10.63 ng/ml



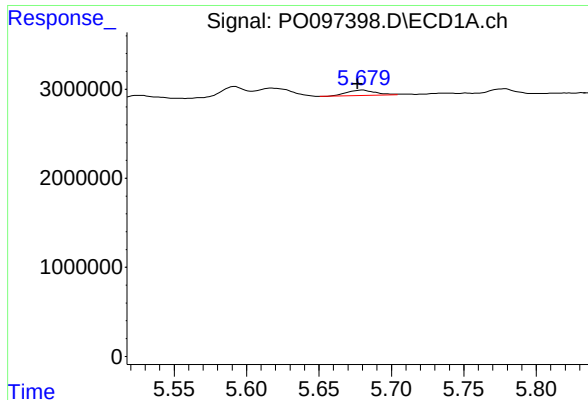
#4 AR-1016-2

R.T.: 5.617 min
Delta R.T.: 0.004 min
Response: 1687347
Conc: 12.61 ng/ml



#4 AR-1016-2

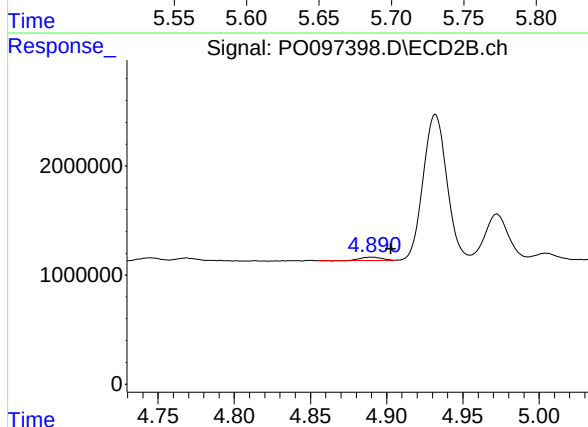
R.T.: 4.713 min
Delta R.T.: -0.014 min
Response: 471369
Conc: 7.71 ng/ml



#5 AR-1016-3

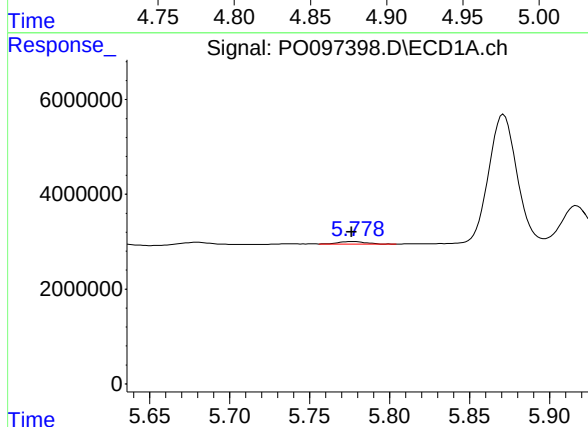
R.T.: 5.680 min
Delta R.T.: 0.003 min
Response: 831173
Conc: 9.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



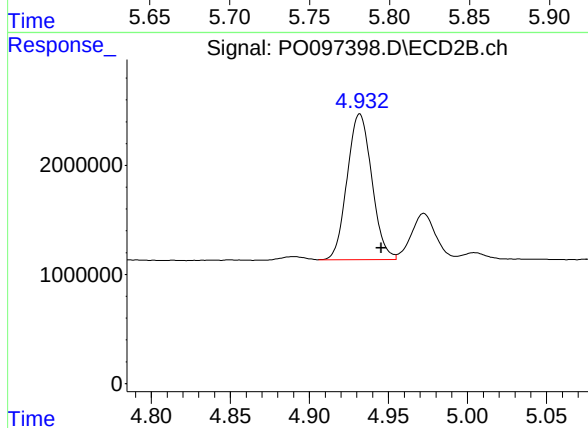
#5 AR-1016-3

R.T.: 4.890 min
Delta R.T.: -0.013 min
Response: 293163
Conc: 8.97 ng/ml



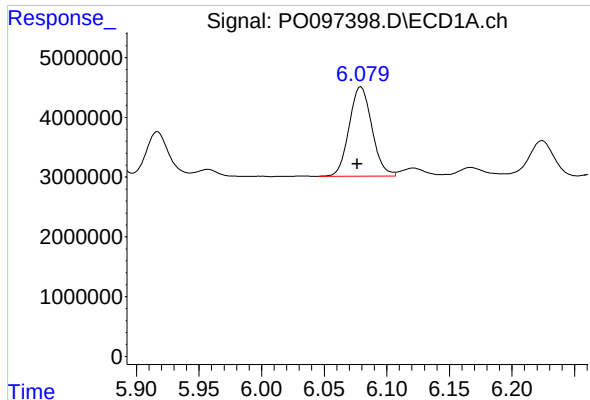
#6 AR-1016-4

R.T.: 5.778 min
Delta R.T.: 0.002 min
Response: 596027
Conc: 8.87 ng/ml



#6 AR-1016-4

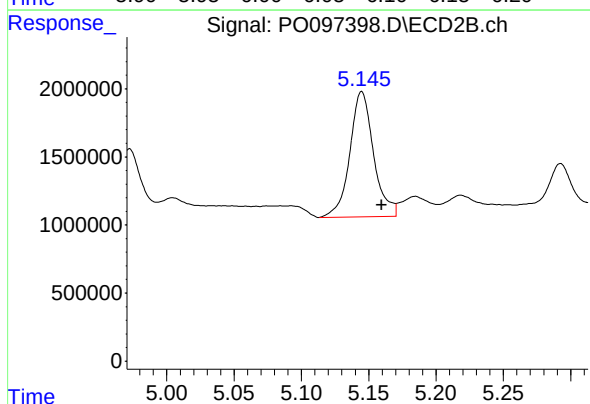
R.T.: 4.932 min
Delta R.T.: -0.014 min
Response: 14532489
Conc: 508.37 ng/ml



#7 AR-1016-5

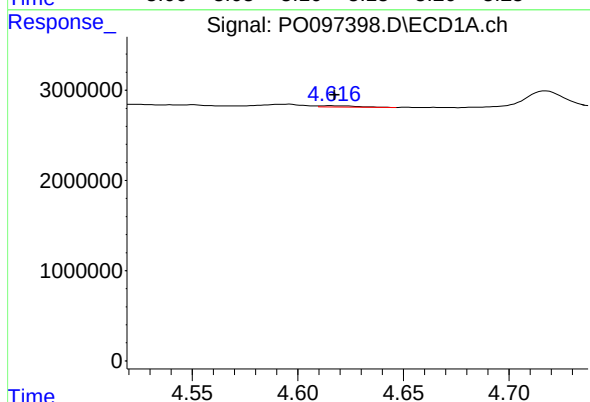
R.T.: 6.079 min
Delta R.T.: 0.003 min
Response: 18976050
Conc: 271.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



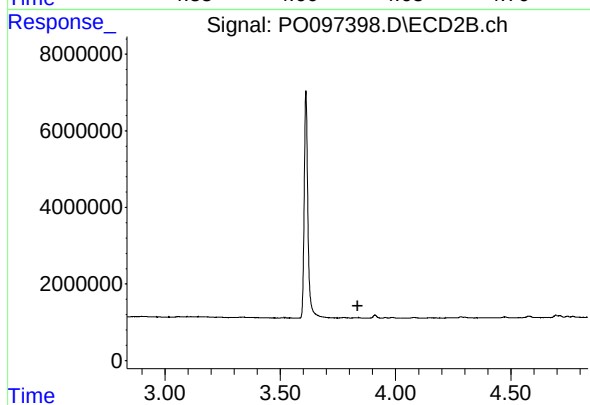
#7 AR-1016-5

R.T.: 5.145 min
Delta R.T.: -0.015 min
Response: 11305664
Conc: 294.06 ng/ml



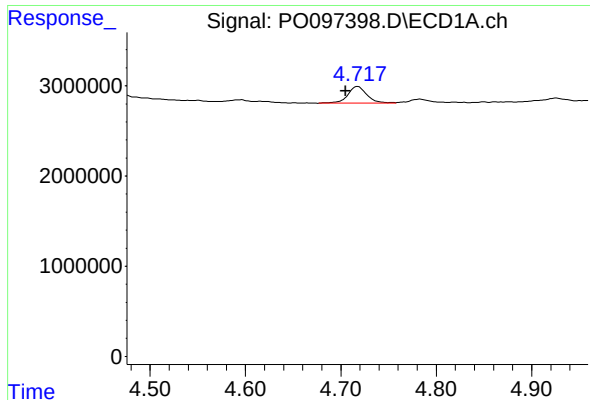
#8 AR-1221-1

R.T.: 4.616 min
Delta R.T.: -0.002 min
Response: 158493
Conc: 3.89 ng/ml



#8 AR-1221-1

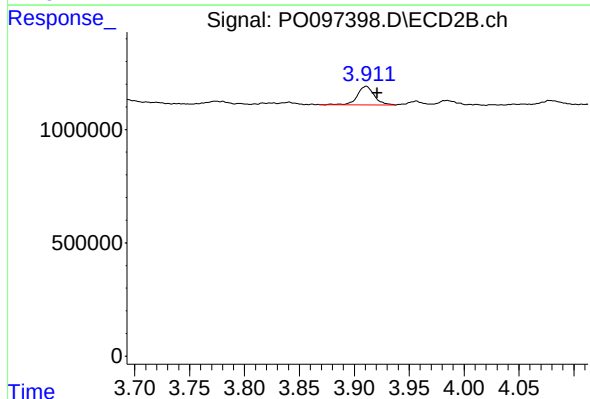
R.T.: 0.000 min
Exp R.T. : 3.835 min
Response: 0
Conc: N.D.



#9 AR-1221-2

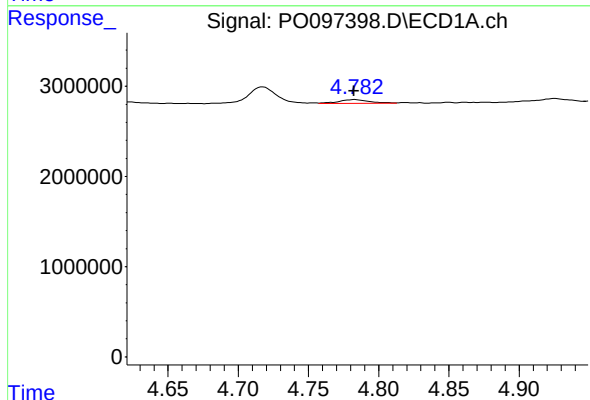
R.T.: 4.718 min
Delta R.T.: 0.013 min
Response: 2571519
Conc: 84.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



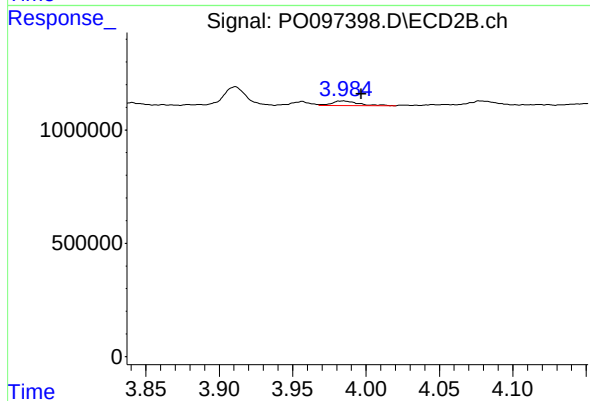
#9 AR-1221-2

R.T.: 3.911 min
Delta R.T.: -0.010 min
Response: 891067
Conc: 68.96 ng/ml



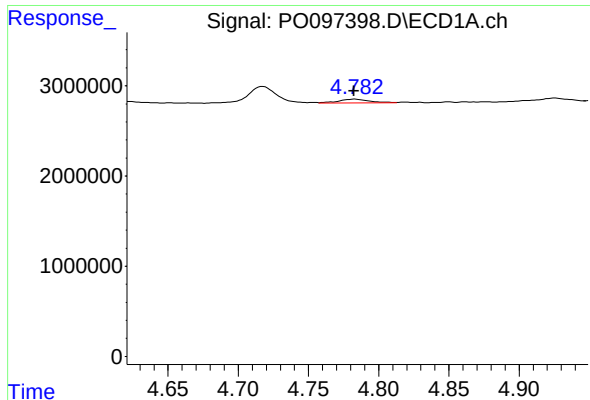
#10 AR-1221-3

R.T.: 4.783 min
Delta R.T.: 0.000 min
Response: 649167
Conc: 7.42 ng/ml



#10 AR-1221-3

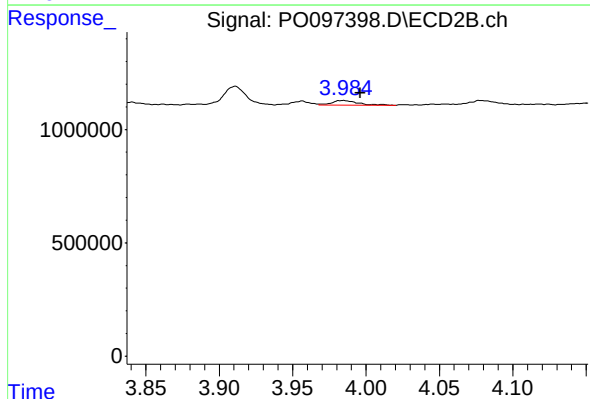
R.T.: 3.984 min
Delta R.T.: -0.012 min
Response: 269450
Conc: 6.79 ng/ml



#11 AR-1232-1

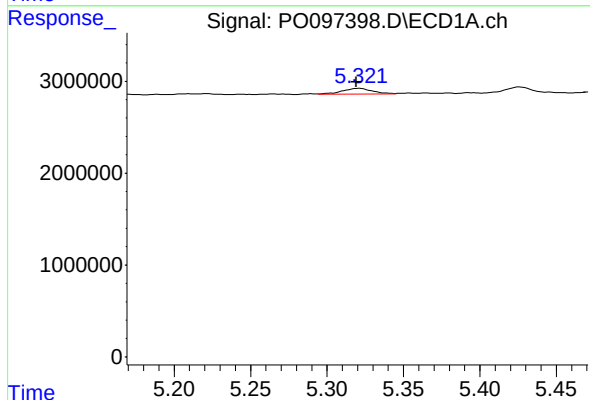
R.T.: 4.783 min
Delta R.T.: 0.000 min
Response: 649167
Conc: 8.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



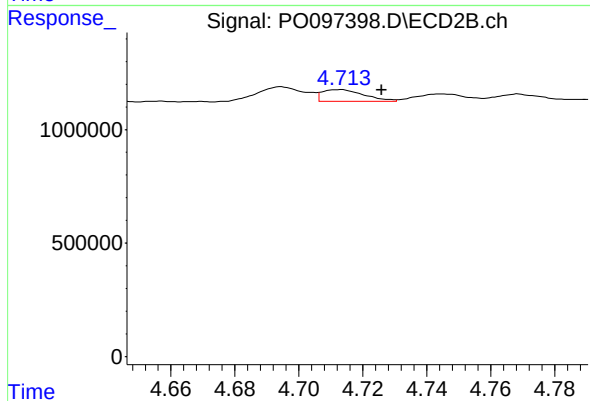
#11 AR-1232-1

R.T.: 3.984 min
Delta R.T.: -0.012 min
Response: 269450
Conc: 8.33 ng/ml



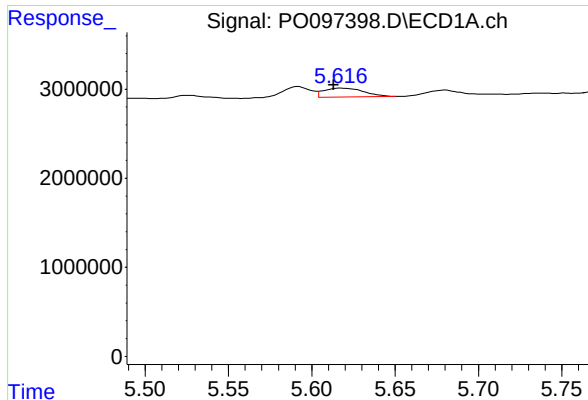
#12 AR-1232-2

R.T.: 5.321 min
Delta R.T.: 0.002 min
Response: 872919
Conc: 22.02 ng/ml



#12 AR-1232-2

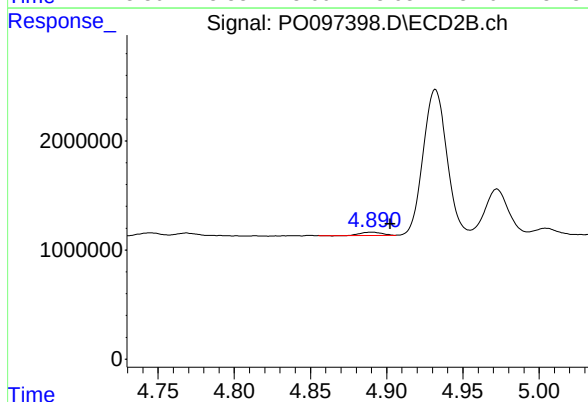
R.T.: 4.713 min
Delta R.T.: -0.013 min
Response: 471369
Conc: 16.34 ng/ml



#13 AR-1232-3

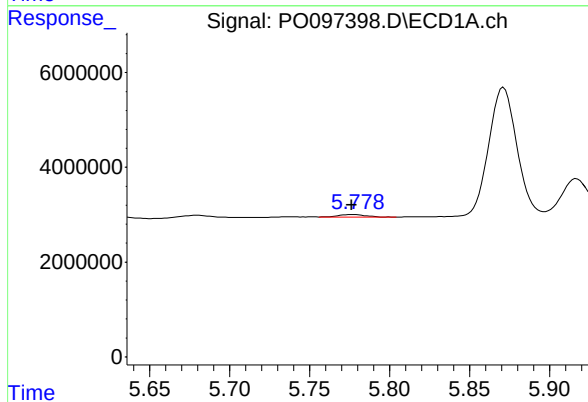
R.T.: 5.617 min
Delta R.T.: 0.004 min
Response: 1687347
Conc: 27.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



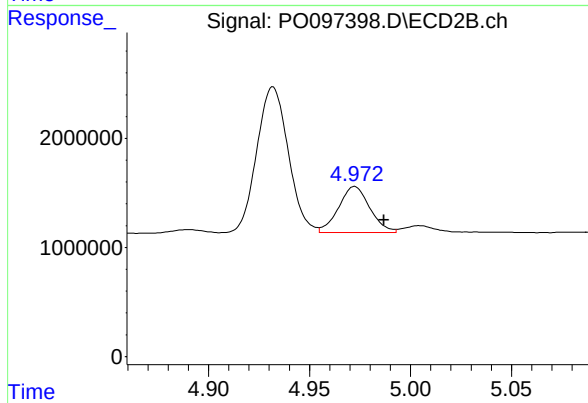
#13 AR-1232-3

R.T.: 4.890 min
Delta R.T.: -0.012 min
Response: 293163
Conc: 19.34 ng/ml



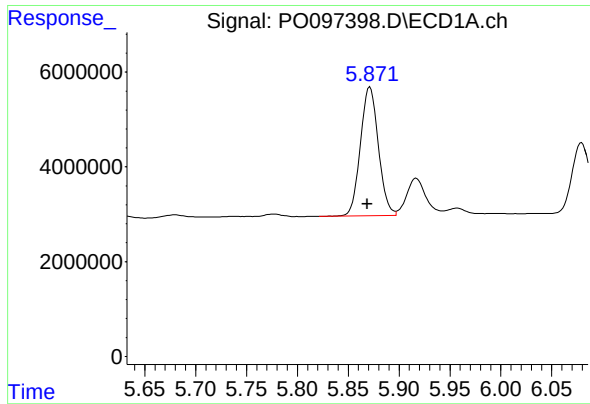
#14 AR-1232-4

R.T.: 5.778 min
Delta R.T.: 0.002 min
Response: 596027
Conc: 19.53 ng/ml



#14 AR-1232-4

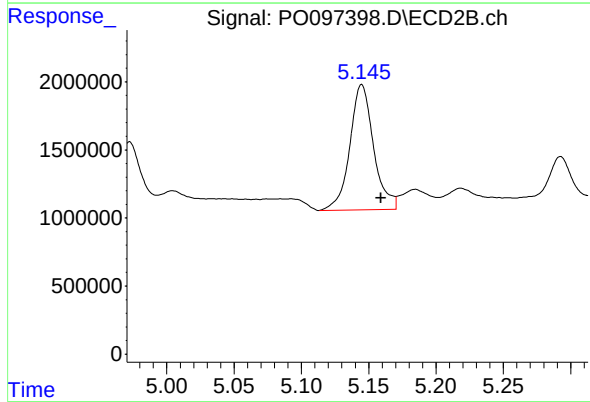
R.T.: 4.972 min
Delta R.T.: -0.014 min
Response: 4545895
Conc: 304.18 ng/ml



#15 AR-1232-5

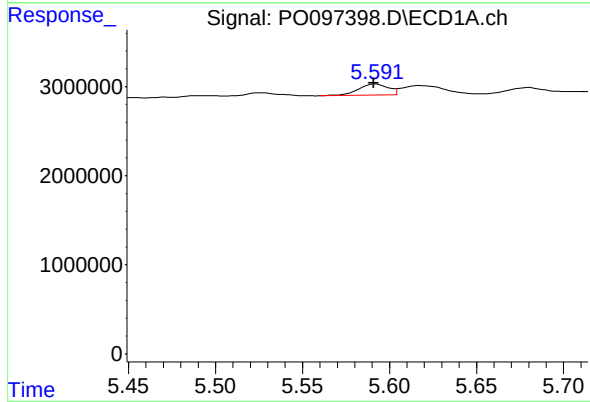
R.T.: 5.871 min
Delta R.T.: 0.002 min
Response: 33282308
Conc: 1189.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



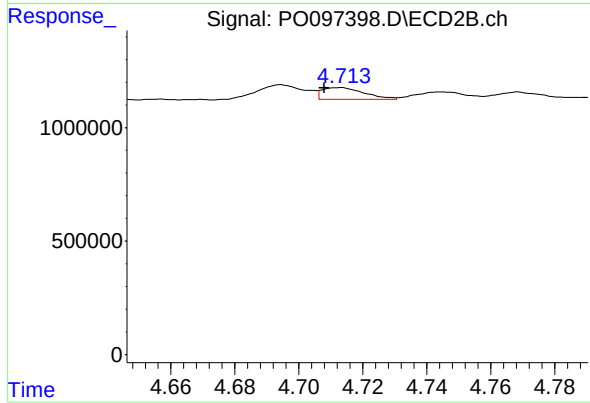
#15 AR-1232-5

R.T.: 5.145 min
Delta R.T.: -0.014 min
Response: 11305664
Conc: 691.61 ng/ml



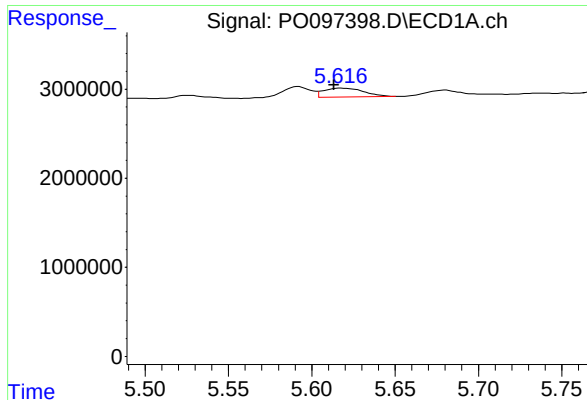
#16 AR-1242-1

R.T.: 5.592 min
Delta R.T.: 0.000 min
Response: 1505609
Conc: 17.96 ng/ml



#16 AR-1242-1

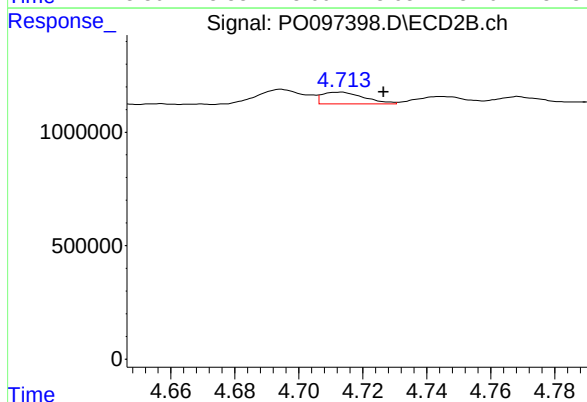
R.T.: 4.713 min
Delta R.T.: 0.005 min
Response: 471369
Conc: 11.96 ng/ml



#17 AR-1242-2

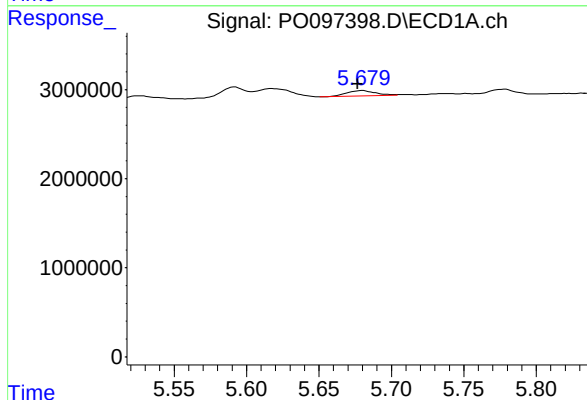
R.T.: 5.617 min
Delta R.T.: 0.004 min
Response: 1687347
Conc: 14.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



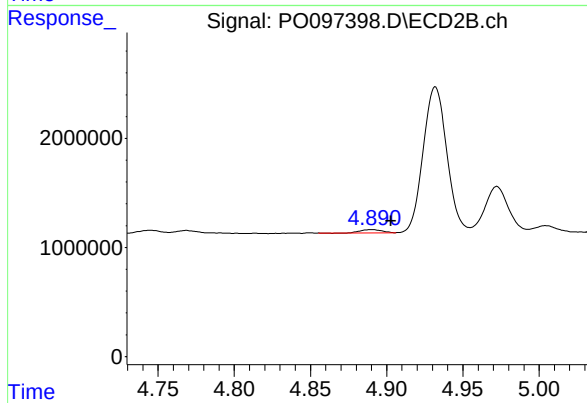
#17 AR-1242-2

R.T.: 4.713 min
Delta R.T.: -0.014 min
Response: 471369
Conc: 8.65 ng/ml



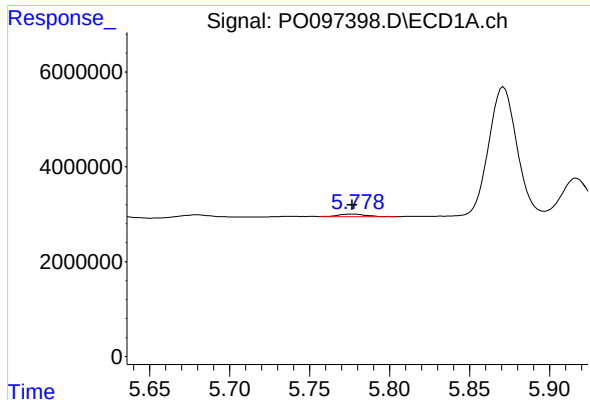
#18 AR-1242-3

R.T.: 5.680 min
Delta R.T.: 0.003 min
Response: 831173
Conc: 11.25 ng/ml



#18 AR-1242-3

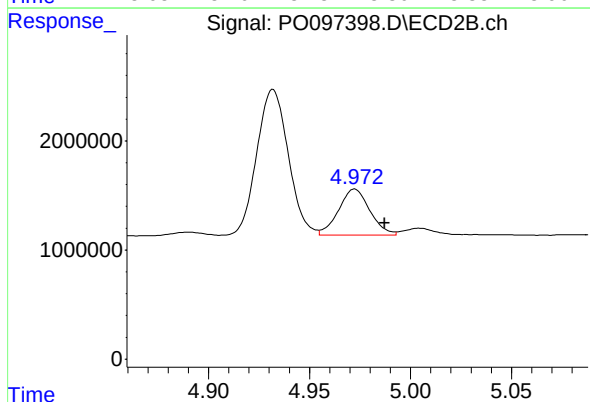
R.T.: 4.890 min
Delta R.T.: -0.013 min
Response: 293163
Conc: 9.91 ng/ml



#19 AR-1242-4

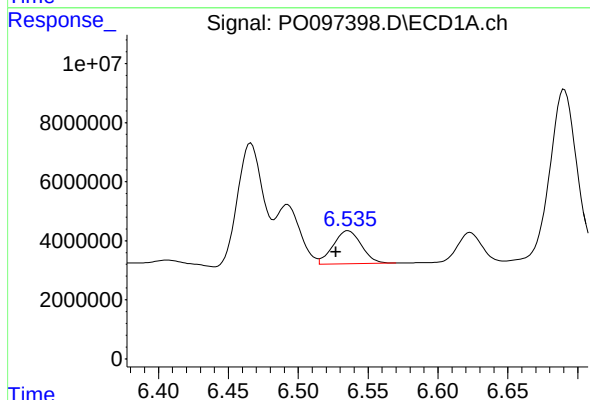
R.T.: 5.778 min
Delta R.T.: 0.002 min
Response: 596027
Conc: 10.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



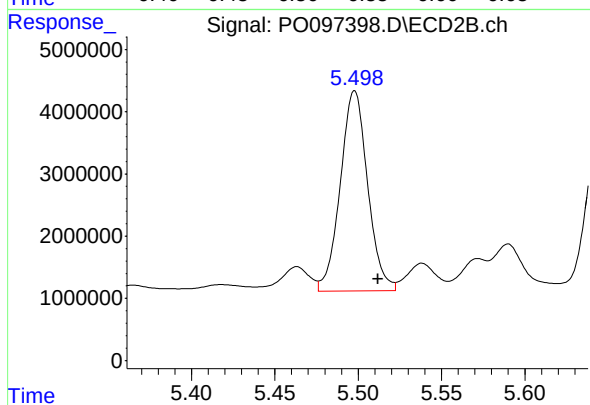
#19 AR-1242-4

R.T.: 4.972 min
Delta R.T.: -0.015 min
Response: 4545895
Conc: 144.25 ng/ml



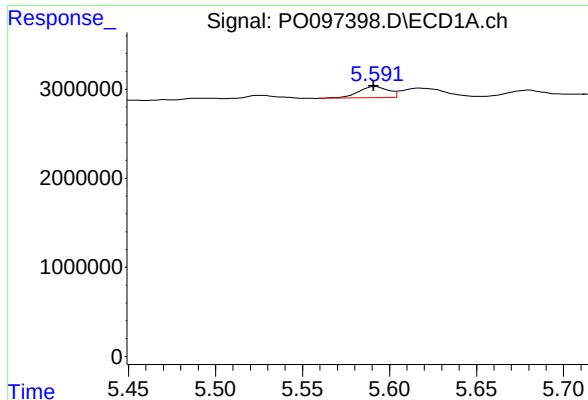
#20 AR-1242-5

R.T.: 6.536 min
Delta R.T.: 0.009 min
Response: 15770821
Conc: 286.64 ng/ml



#20 AR-1242-5

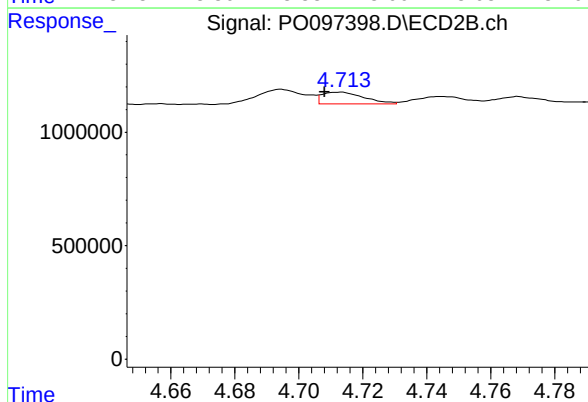
R.T.: 5.498 min
Delta R.T.: -0.014 min
Response: 36662571
Conc: 1006.21 ng/ml



#21 AR-1248-1

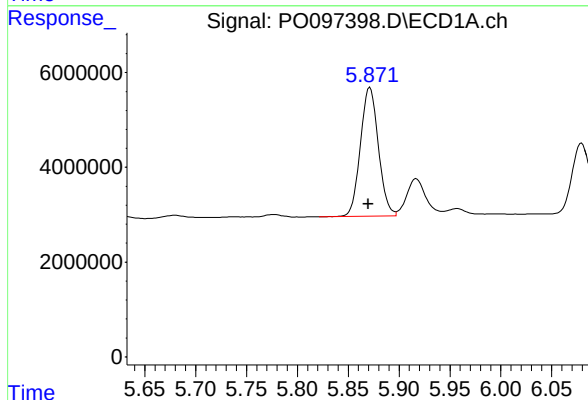
R.T.: 5.592 min
Delta R.T.: 0.000 min
Response: 1505609
Conc: 25.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



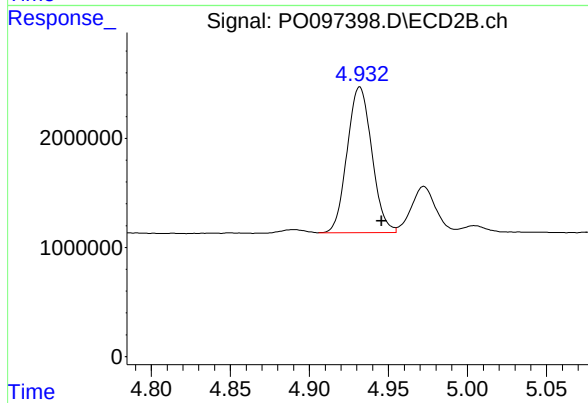
#21 AR-1248-1

R.T.: 4.713 min
Delta R.T.: 0.005 min
Response: 471369
Conc: 16.80 ng/ml



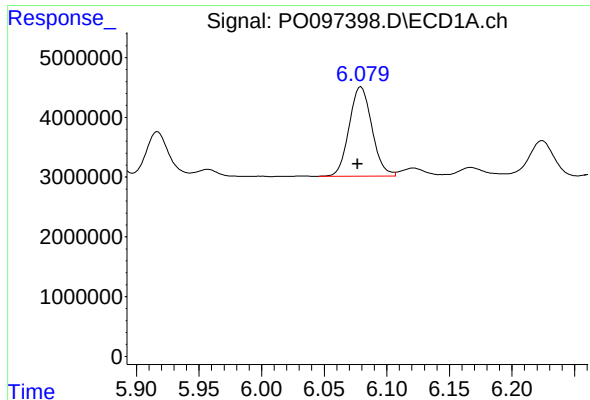
#22 AR-1248-2

R.T.: 5.871 min
Delta R.T.: 0.002 min
Response: 33282308
Conc: 354.00 ng/ml



#22 AR-1248-2

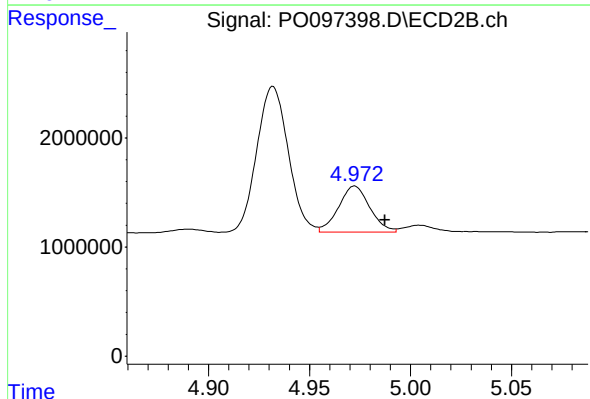
R.T.: 4.932 min
Delta R.T.: -0.014 min
Response: 14532489
Conc: 342.90 ng/ml



#23 AR-1248-3

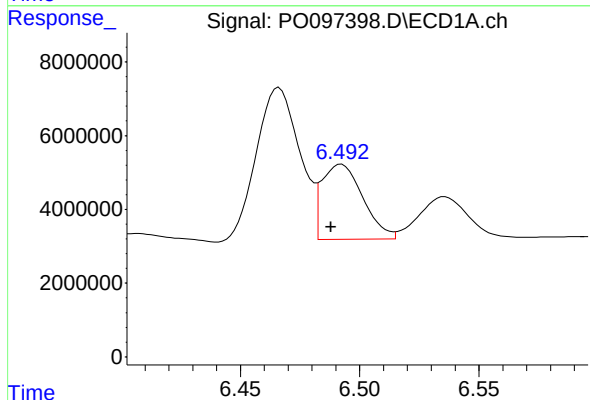
R.T.: 6.079 min
Delta R.T.: 0.003 min
Response: 18976050
Conc: 194.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



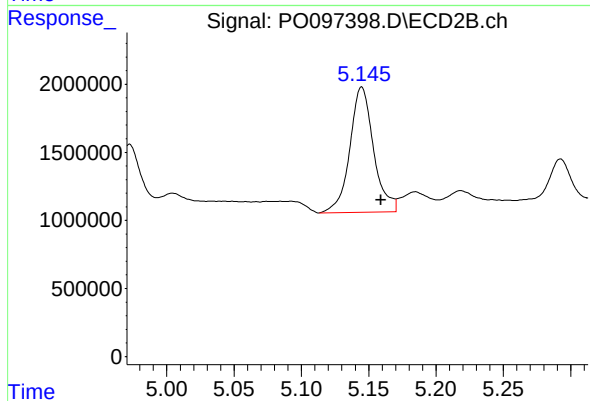
#23 AR-1248-3

R.T.: 4.972 min
Delta R.T.: -0.015 min
Response: 4545895
Conc: 103.63 ng/ml



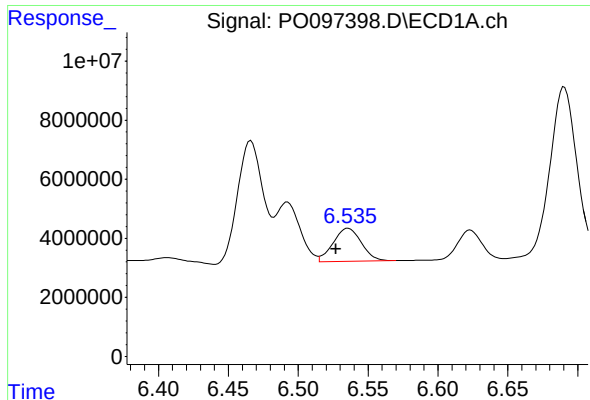
#24 AR-1248-4

R.T.: 6.492 min
Delta R.T.: 0.004 min
Response: 24285005
Conc: 267.33 ng/ml



#24 AR-1248-4

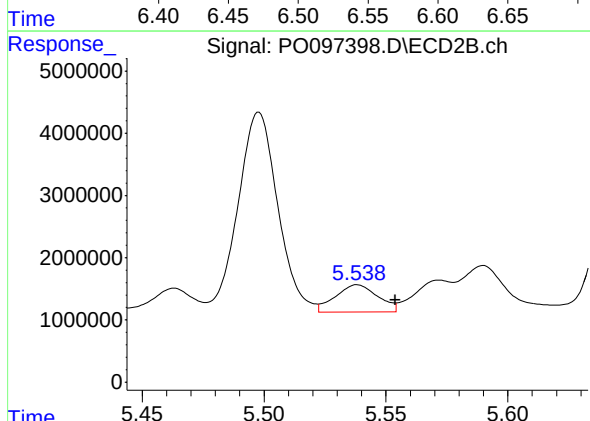
R.T.: 5.145 min
Delta R.T.: -0.014 min
Response: 11305664
Conc: 221.46 ng/ml



#25 AR-1248-5

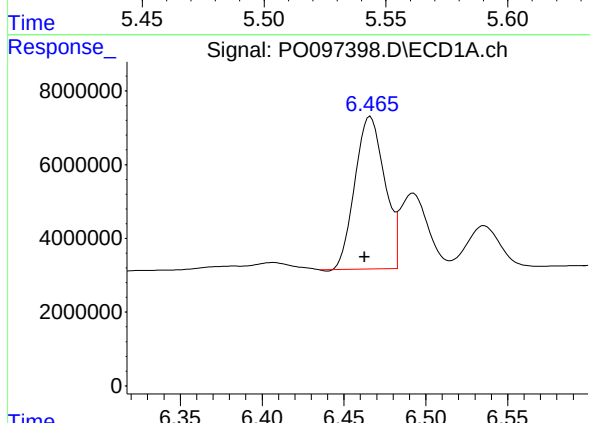
R.T.: 6.536 min
Delta R.T.: 0.009 min
Response: 15770821
Conc: 179.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



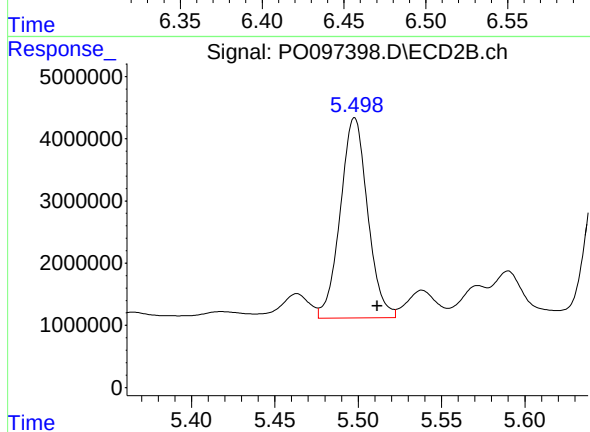
#25 AR-1248-5

R.T.: 5.538 min
Delta R.T.: -0.016 min
Response: 5324141
Conc: 113.88 ng/ml



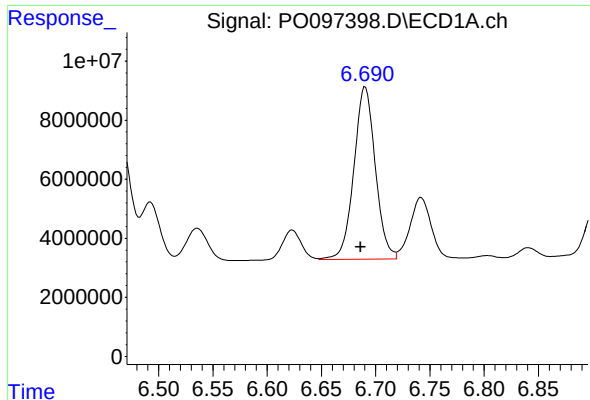
#26 AR-1254-1

R.T.: 6.466 min
Delta R.T.: 0.004 min
Response: 52250966
Conc: 478.09 ng/ml



#26 AR-1254-1

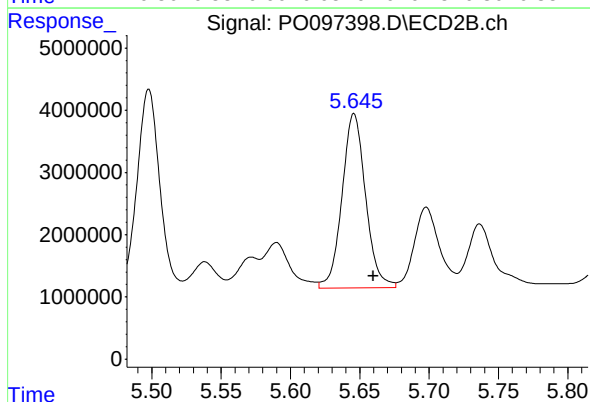
R.T.: 5.498 min
Delta R.T.: -0.014 min
Response: 36662571
Conc: 496.81 ng/ml



#27 AR-1254-2

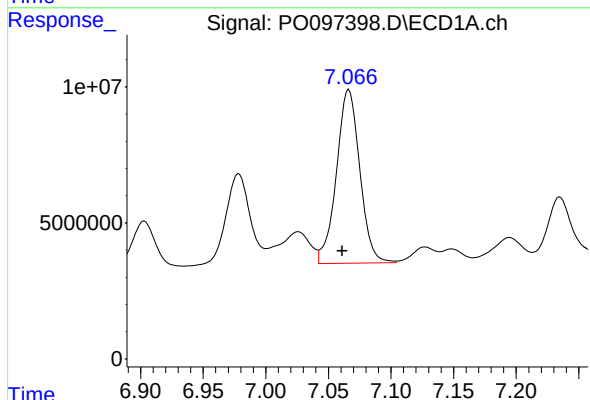
R.T.: 6.690 min
Delta R.T.: 0.004 min
Response: 80063202
Conc: 496.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



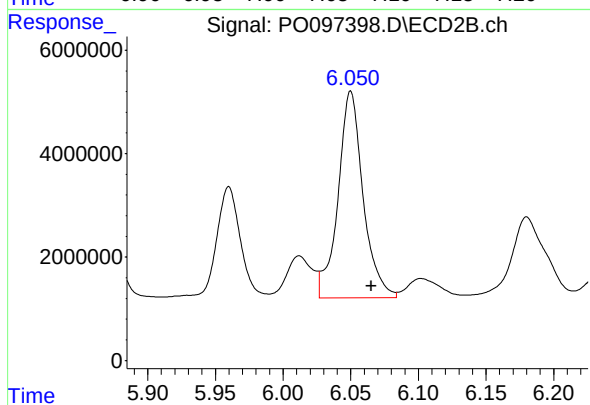
#27 AR-1254-2

R.T.: 5.646 min
Delta R.T.: -0.014 min
Response: 33120965
Conc: 502.74 ng/ml



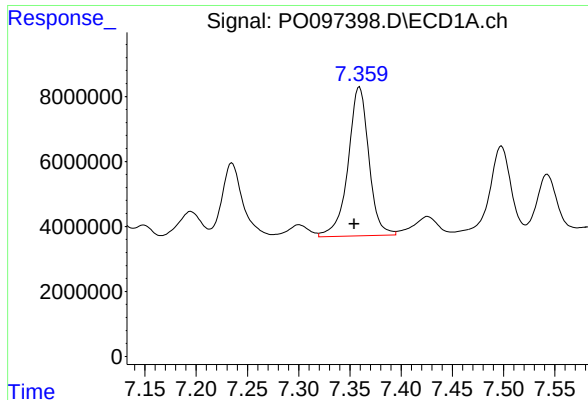
#28 AR-1254-3

R.T.: 7.066 min
Delta R.T.: 0.005 min
Response: 83294927
Conc: 531.57 ng/ml



#28 AR-1254-3

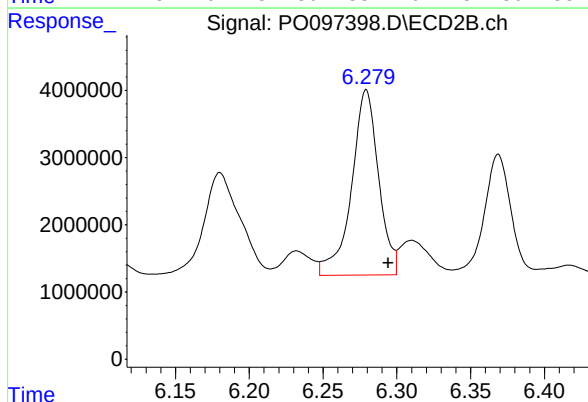
R.T.: 6.050 min
Delta R.T.: -0.015 min
Response: 51418118
Conc: 508.78 ng/ml



#29 AR-1254-4

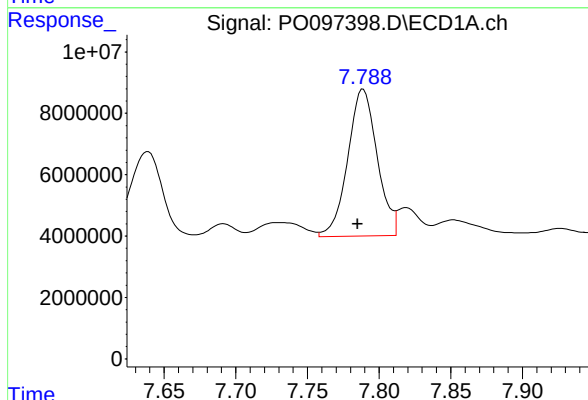
R.T.: 7.359 min
Delta R.T.: 0.005 min
Response: 64543058
Conc: 640.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



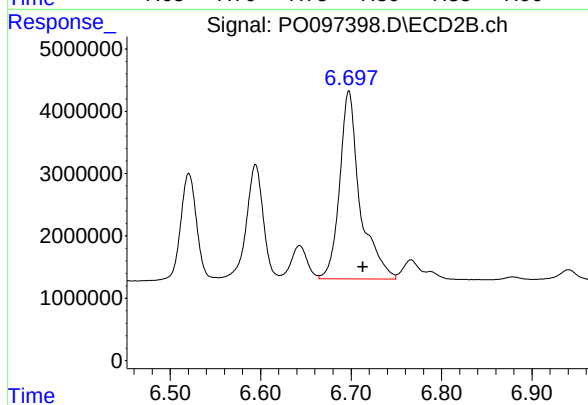
#29 AR-1254-4

R.T.: 6.279 min
Delta R.T.: -0.015 min
Response: 35258518
Conc: 609.22 ng/ml



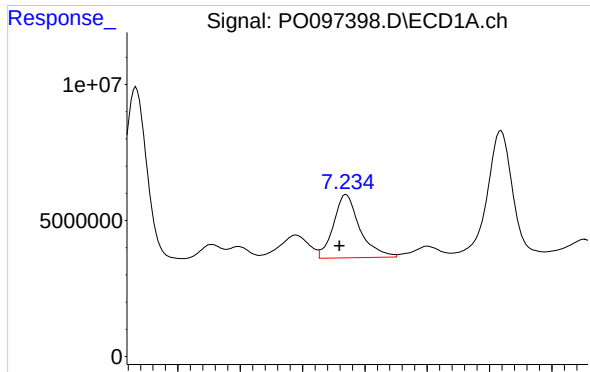
#30 AR-1254-5

R.T.: 7.789 min
Delta R.T.: 0.004 min
Response: 68342249
Conc: 609.03 ng/ml



#30 AR-1254-5

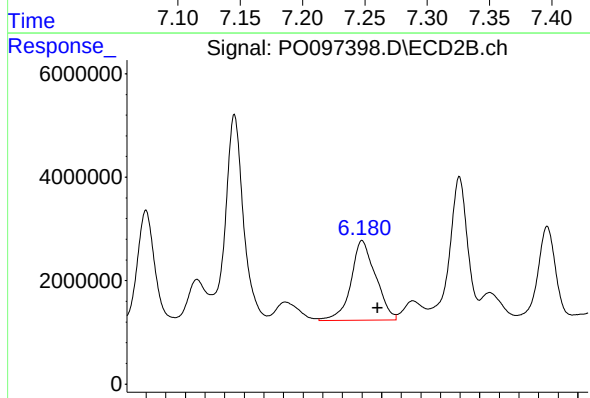
R.T.: 6.698 min
Delta R.T.: -0.016 min
Response: 47355099
Conc: 538.65 ng/ml



#31 AR-1260-1

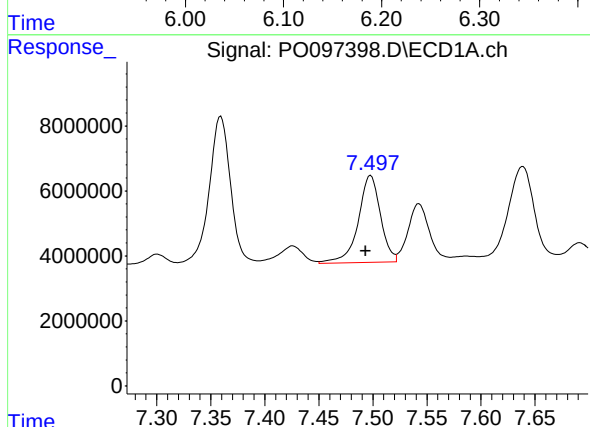
R.T.: 7.235 min
Delta R.T.: 0.005 min
Response: 34024683
Conc: 270.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



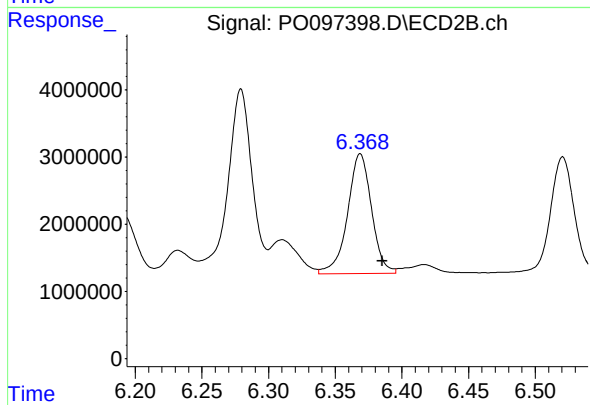
#31 AR-1260-1

R.T.: 6.180 min
Delta R.T.: -0.016 min
Response: 26960504
Conc: 383.14 ng/ml



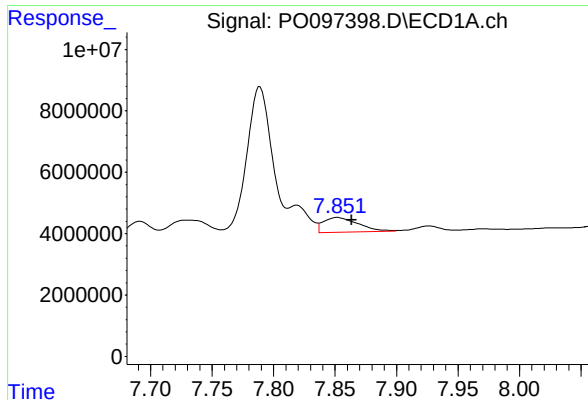
#32 AR-1260-2

R.T.: 7.498 min
Delta R.T.: 0.005 min
Response: 38238649
Conc: 283.81 ng/ml



#32 AR-1260-2

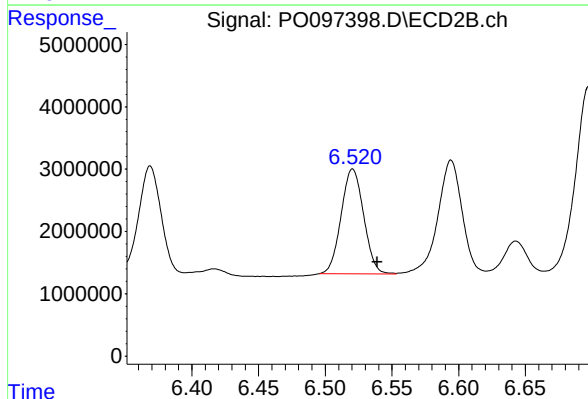
R.T.: 6.369 min
Delta R.T.: -0.017 min
Response: 22286411
Conc: 267.02 ng/ml



#33 AR-1260-3

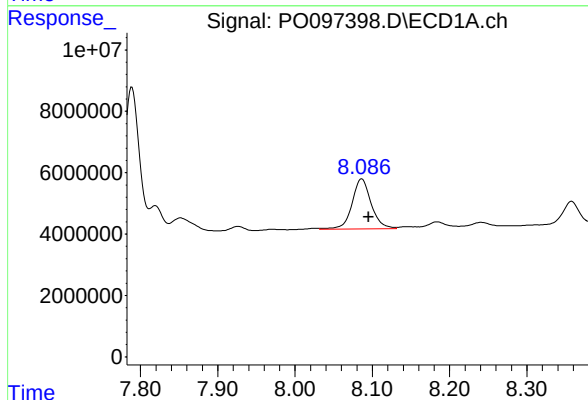
R.T.: 7.852 min
Delta R.T.: -0.012 min
Response: 9467414
Conc: 91.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



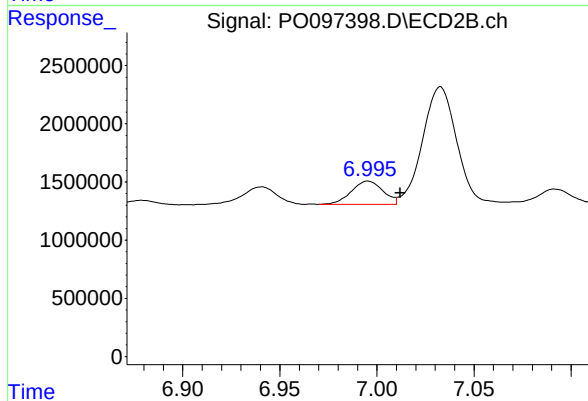
#33 AR-1260-3

R.T.: 6.521 min
Delta R.T.: -0.019 min
Response: 19822462
Conc: 256.70 ng/ml



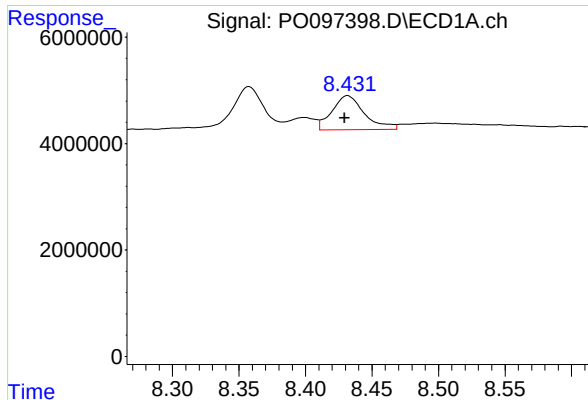
#34 AR-1260-4

R.T.: 8.086 min
Delta R.T.: -0.009 min
Response: 27925649
Conc: 249.77 ng/ml



#34 AR-1260-4

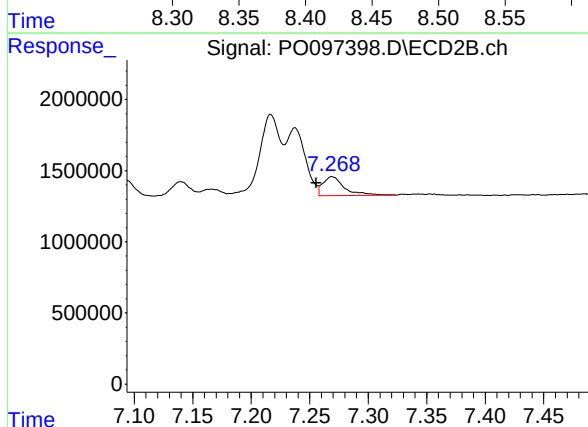
R.T.: 6.995 min
Delta R.T.: -0.017 min
Response: 2269445
Conc: 35.41 ng/ml



#35 AR-1260-5

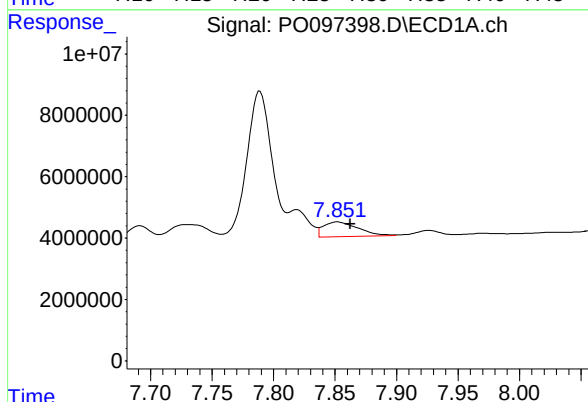
R.T.: 8.432 min
Delta R.T.: 0.002 min
Response: 10911454
Conc: 51.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



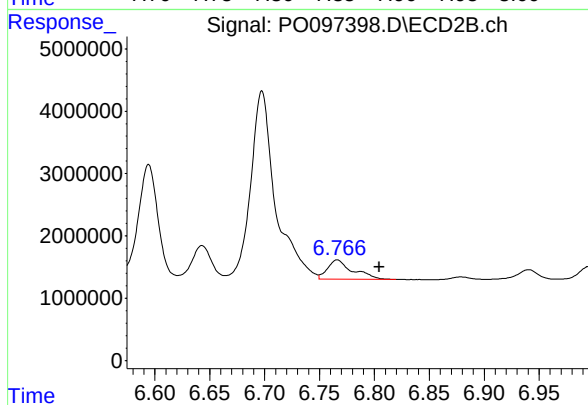
#35 AR-1260-5

R.T.: 7.269 min
Delta R.T.: 0.014 min
Response: 1703110
Conc: 12.28 ng/ml



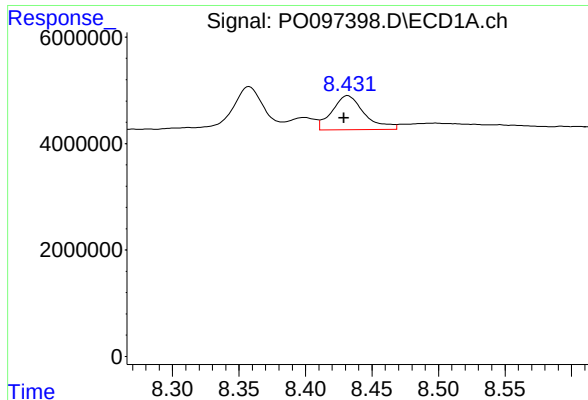
#36 AR-1262-1

R.T.: 7.852 min
Delta R.T.: -0.010 min
Response: 9467414
Conc: 63.74 ng/ml



#36 AR-1262-1

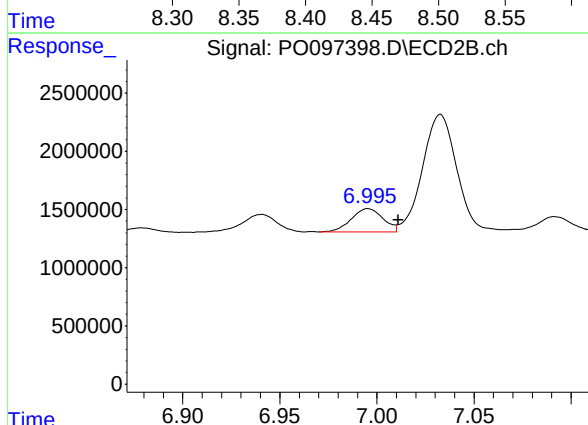
R.T.: 6.766 min
Delta R.T.: -0.038 min
Response: 4972792
Conc: 126.31 ng/ml



#37 AR-1262-2

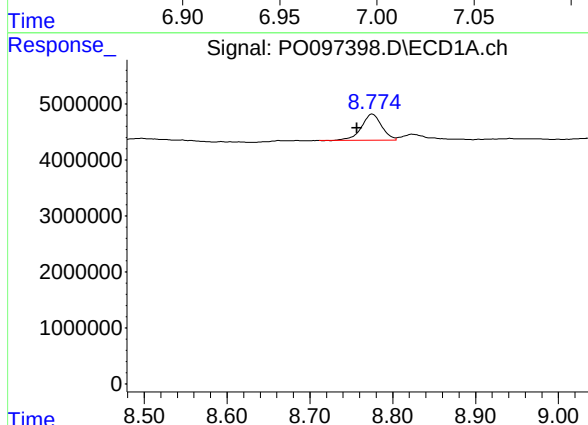
R.T.: 8.432 min
Delta R.T.: 0.003 min
Response: 10911454
Conc: 47.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



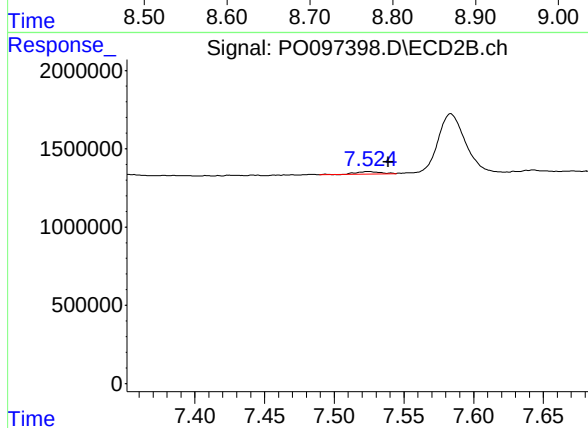
#37 AR-1262-2

R.T.: 6.995 min
Delta R.T.: -0.016 min
Response: 2269445
Conc: 27.98 ng/ml



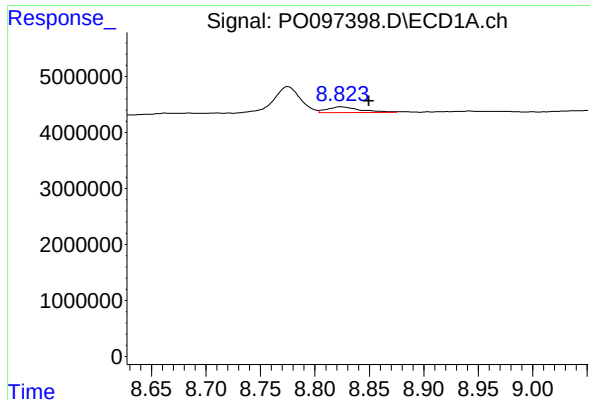
#38 AR-1262-3

R.T.: 8.775 min
Delta R.T.: 0.018 min
Response: 7856535
Conc: 47.10 ng/ml



#38 AR-1262-3

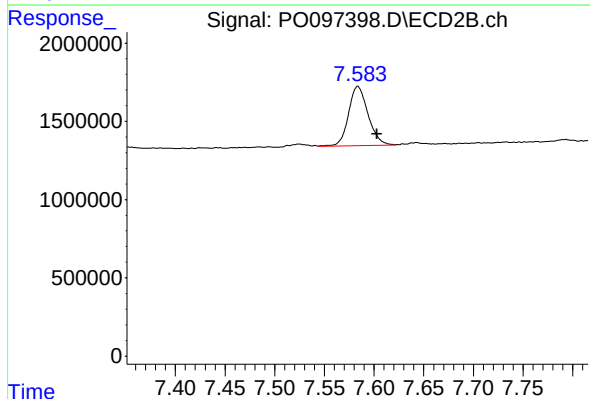
R.T.: 7.525 min
Delta R.T.: -0.014 min
Response: 203037
Conc: 3.16 ng/ml



#39 AR-1262-4

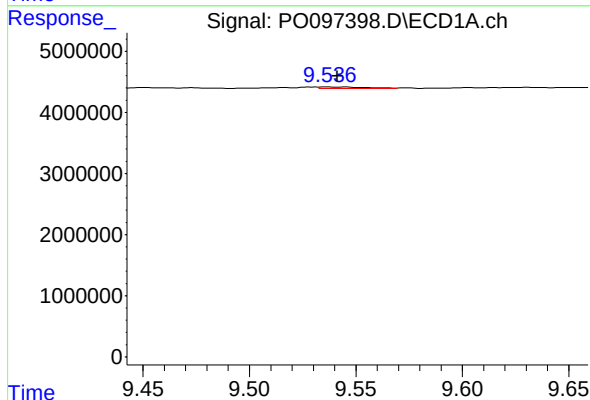
R.T.: 8.824 min
Delta R.T.: -0.026 min
Response: 2174309
Conc: 29.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



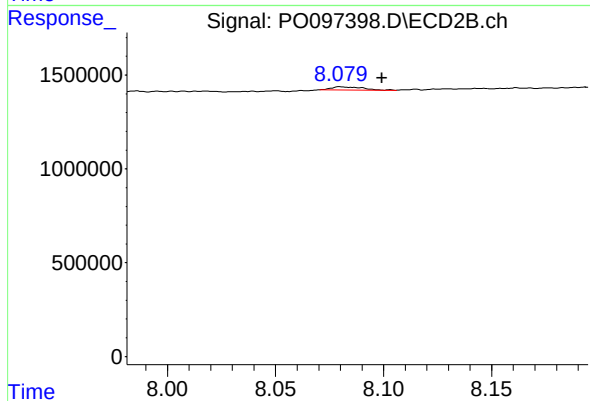
#39 AR-1262-4

R.T.: 7.584 min
Delta R.T.: -0.019 min
Response: 5170448
Conc: 45.51 ng/ml



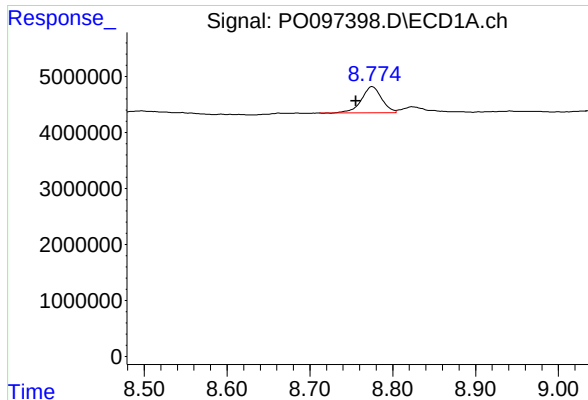
#40 AR-1262-5

R.T.: 9.537 min
Delta R.T.: -0.004 min
Response: 348812
Conc: 4.19 ng/ml



#40 AR-1262-5

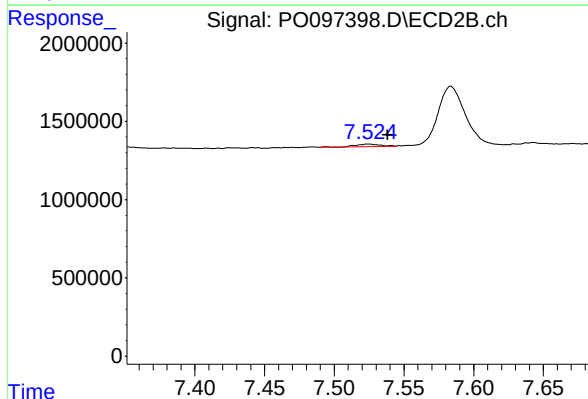
R.T.: 8.080 min
Delta R.T.: -0.019 min
Response: 166468
Conc: 3.17 ng/ml



#41 AR-1268-1

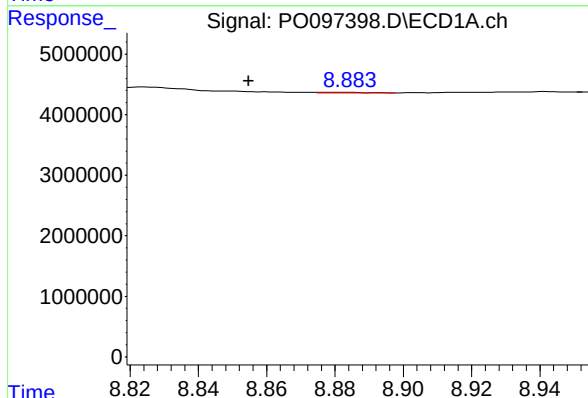
R.T.: 8.775 min
Delta R.T.: 0.020 min
Response: 7856535
Conc: 25.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



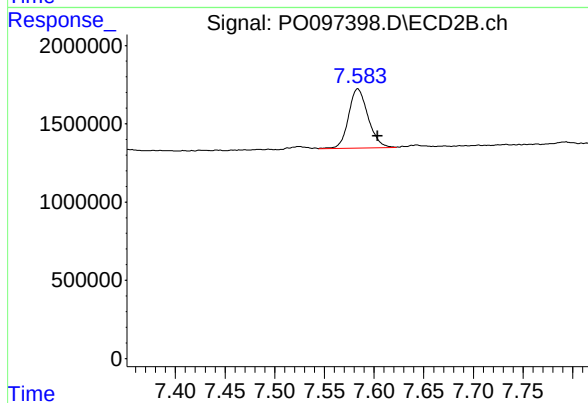
#41 AR-1268-1

R.T.: 7.525 min
Delta R.T.: -0.014 min
Response: 203037
Conc: 1.10 ng/ml



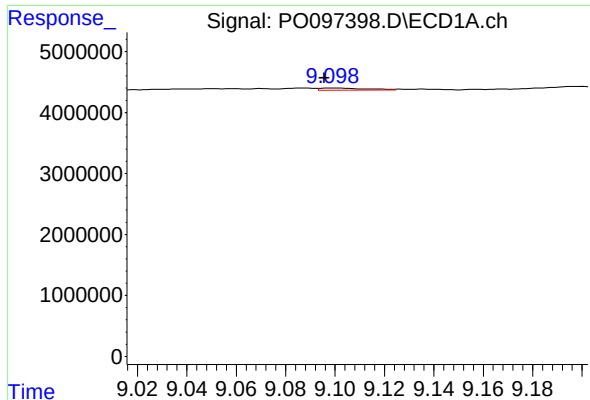
#42 AR-1268-2

R.T.: 8.884 min
Delta R.T.: 0.029 min
Response: 118877
Conc: 0.43 ng/ml



#42 AR-1268-2

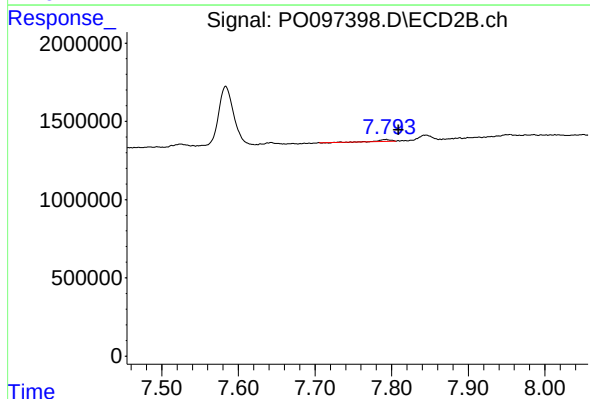
R.T.: 7.584 min
Delta R.T.: -0.020 min
Response: 5170448
Conc: 30.83 ng/ml



#43 AR-1268-3

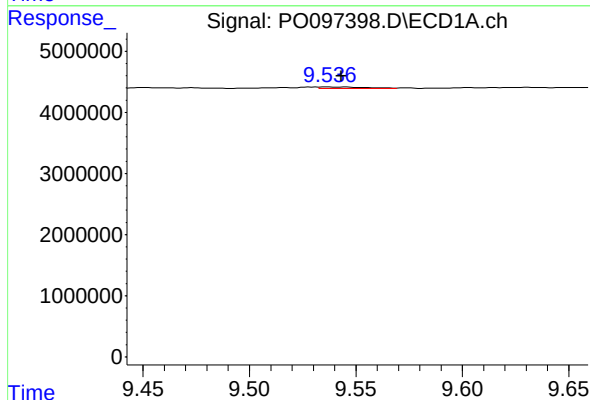
R.T.: 9.099 min
Delta R.T.: 0.003 min
Response: 455383
Conc: 1.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



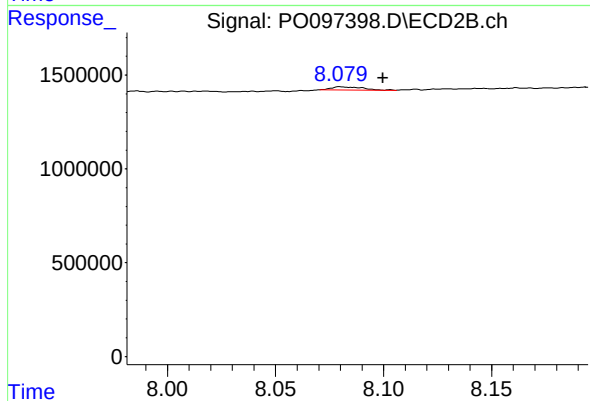
#43 AR-1268-3

R.T.: 7.793 min
Delta R.T.: -0.016 min
Response: 134953
Conc: 0.93 ng/ml



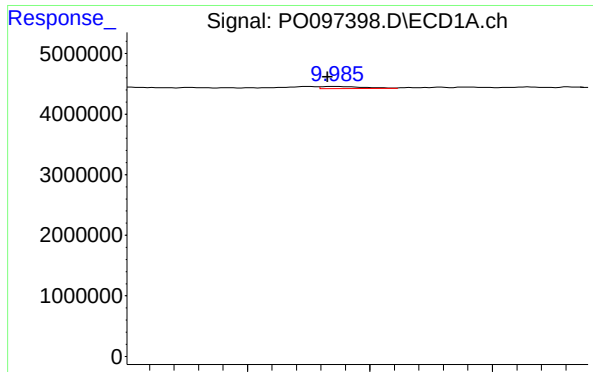
#44 AR-1268-4

R.T.: 9.537 min
Delta R.T.: -0.006 min
Response: 348812
Conc: 3.76 ng/ml



#44 AR-1268-4

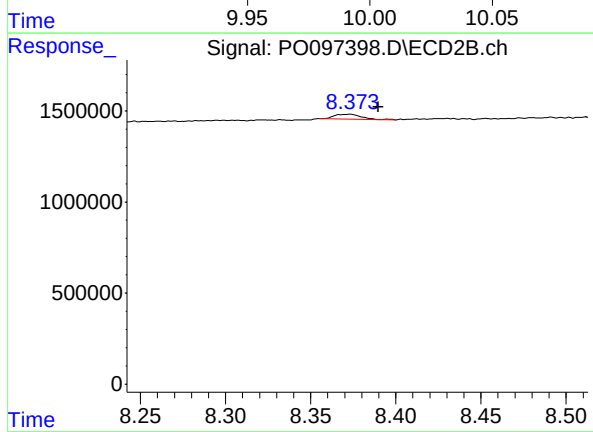
R.T.: 8.080 min
Delta R.T.: -0.020 min
Response: 166468
Conc: 2.79 ng/ml



#45 AR-1268-5

R.T.: 9.985 min
Delta R.T.: 0.003 min
Response: 418427
Conc: 0.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.373 min
Delta R.T.: -0.017 min
Response: 278135
Conc: 0.67 ng/ml