

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082123\
 Data File : P0097312.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2023 10:43
 Operator : YP/AJ
 Sample : 04071-04DL 200X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 22 01:44:22 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...	4.387	3.613	2437299	352272	0.736	0.266 #
2) SA Decachlor...	10.341	8.625	269089	178292	0.123	0.154 #
Target Compounds						
3) L1 AR-1016-1	5.593	4.715	56192507	33206861	596.627	748.982 #
4) L1 AR-1016-2	5.616	4.715	78520563	33206861	586.963	542.855
5) L1 AR-1016-3	5.679	4.891	53267377	19457216	612.120	595.597
6) L1 AR-1016-4	5.780	4.934	43551917	16210594	648.380	567.074
7) L1 AR-1016-5	6.081	5.147	52574067	23921079	753.027	622.192
8) L2 AR-1221-1	4.612	3.825	4016878	1531222	98.561	88.219
9) L2 AR-1221-2	4.706	3.912	5390607	1962813	177.440	151.912
10) L2 AR-1221-3	4.784	3.987	21853033	9360916	249.659	235.827
11) L3 AR-1232-1	4.784	3.987	21853033	9360916	299.630	289.390
12) L3 AR-1232-2	5.321	4.715	36087795	33206861	910.252	1150.916 #
13) L3 AR-1232-3	5.616	4.891	78520563	19457216	1283.589	1283.300
14) L3 AR-1232-4	5.780	4.975	43551917	18967828	1427.285	1269.205
15) L3 AR-1232-5	5.873	5.147	38830867	23921079	1387.650	1463.351
16) L4 AR-1242-1	5.593	4.715	56192507	33206861	670.420	842.280 #
17) L4 AR-1242-2	5.616	4.715	78520563	33206861	666.774	609.402
18) L4 AR-1242-3	5.679	4.891	53267377	19457216	721.072	658.037
19) L4 AR-1242-4	5.780	4.975	43551917	18967828	731.592	601.888
20) L4 AR-1242-5	6.534	5.499	33941097	21350891	616.890	585.980
21) L5 AR-1248-1	5.593	4.715	56192507	33206861	959.014	1183.317
22) L5 AR-1248-2	5.873	4.934	38830867	16210594	413.017	382.497
23) L5 AR-1248-3	6.081	4.975	52574067	18967828	537.518	432.413
24) L5 AR-1248-4	6.495	5.147	35454707	23921079	390.284	468.582
25) L5 AR-1248-5	6.534	5.540	33941097	15630963	385.318	334.339
26) L6 AR-1254-1	6.465	5.499	27985993	21350891	256.069	289.322
27) L6 AR-1254-2	6.695	5.647	26245430	4213916	162.785	63.963 #
28) L6 AR-1254-3	7.069	6.051	6922074	3850869	44.175	38.104
29) L6 AR-1254-4	7.362	6.280	2585098	1364401	25.641	23.575
30) L6 AR-1254-5	7.793	6.698	1095449	669109	9.762	7.611
31) L7 AR-1260-1	7.239	6.195	1545608	1890215	12.297	26.862 #
32) L7 AR-1260-2	7.502	6.369	941120	755256	6.985	9.049 #
33) L7 AR-1260-3	7.885	6.522	1017511	546388	9.805	7.076 #
34) L7 AR-1260-4	8.105	6.997	1612762	219518	14.425	3.426 #
35) L7 AR-1260-5	8.434	7.240	784483	495362	3.736	3.573
36) L8 AR-1262-1	7.885	6.815	1017511	415532	6.851	10.555 #
37) L8 AR-1262-2	8.434	6.997	784483	219518	3.389	2.707
38) L8 AR-1262-3	8.781	7.527	1216893	311928	7.296	4.861 #
39) L8 AR-1262-4	8.861	7.587	227847	442768	3.125	3.898
40) L8 AR-1262-5	9.544	8.086	185888	203006	2.232	3.865 #
41) L9 AR-1268-1	8.781	7.527	1216893	311928	3.959	1.683 #

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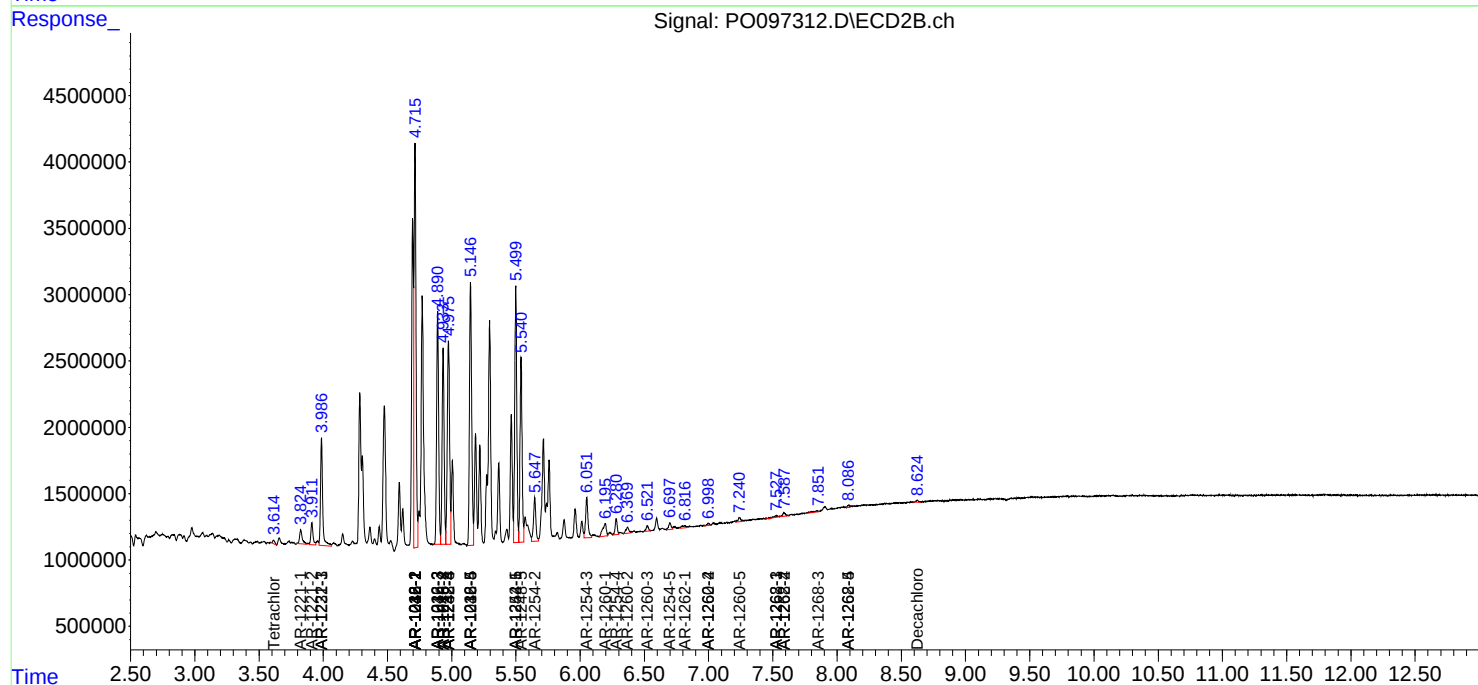
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

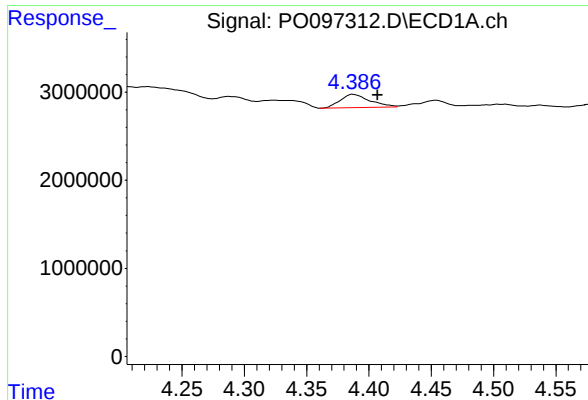
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.861	7.587	227847	442768	0.831	2.640 #
43) L9	AR-1268-3	9.095	7.843	152038	289663	0.595	2.005 #
44) L9	AR-1268-4	9.544	8.086	185888	203006	2.005	3.408 #
45) L9	AR-1268-5	9.983	0.000	153342	0	0.190	N.D. #

(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

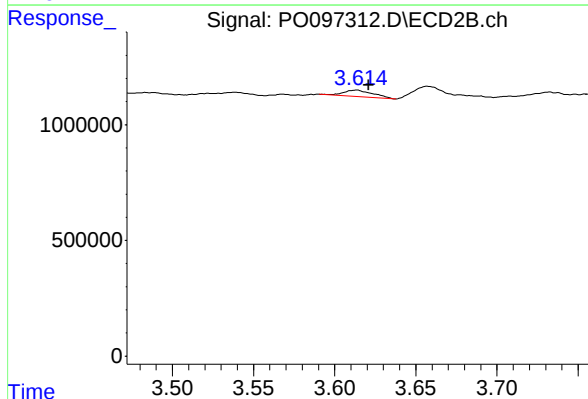




#1 Tetrachloro-m-xylene

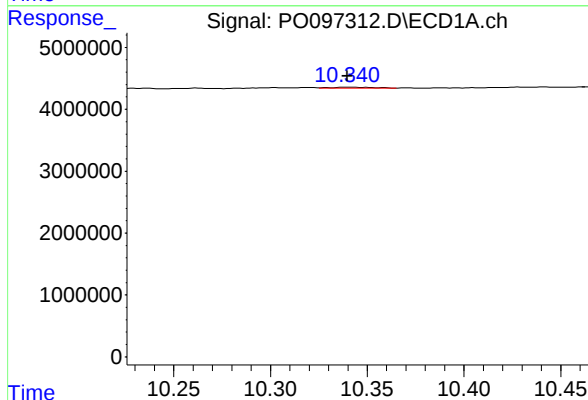
R.T.: 4.387 min
Delta R.T.: -0.020 min
Response: 2437299
Conc: 0.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



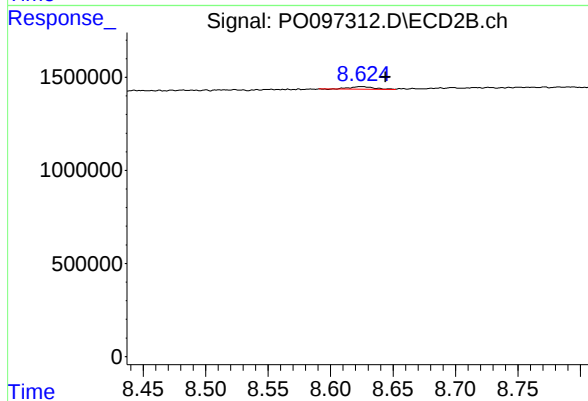
#1 Tetrachloro-m-xylene

R.T.: 3.613 min
Delta R.T.: -0.008 min
Response: 352272
Conc: 0.27 ng/ml



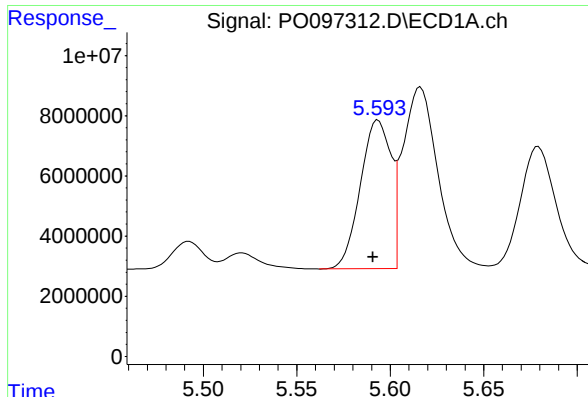
#2 Decachlorobiphenyl

R.T.: 10.341 min
Delta R.T.: 0.001 min
Response: 269089
Conc: 0.12 ng/ml



#2 Decachlorobiphenyl

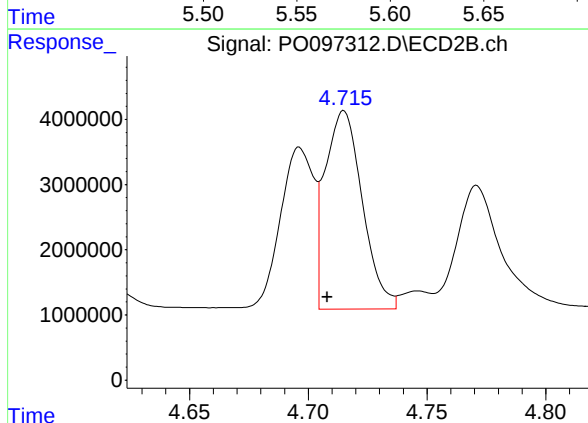
R.T.: 8.625 min
Delta R.T.: -0.020 min
Response: 178292
Conc: 0.15 ng/ml



#3 AR-1016-1

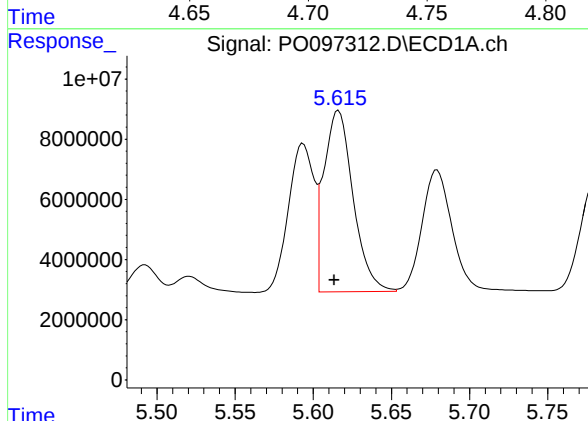
R.T.: 5.593 min
Delta R.T.: 0.003 min
Response: 56192507
Conc: 596.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



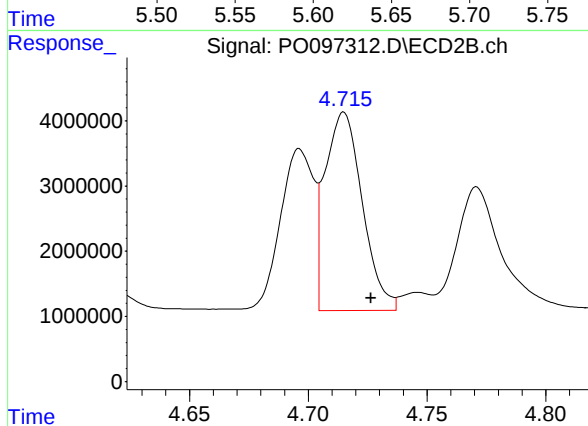
#3 AR-1016-1

R.T.: 4.715 min
Delta R.T.: 0.007 min
Response: 33206861
Conc: 748.98 ng/ml



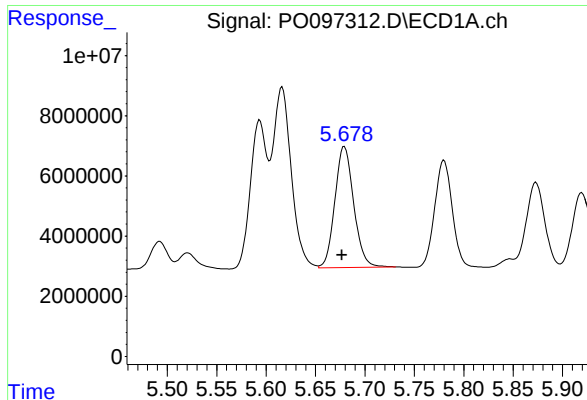
#4 AR-1016-2

R.T.: 5.616 min
Delta R.T.: 0.003 min
Response: 78520563
Conc: 586.96 ng/ml



#4 AR-1016-2

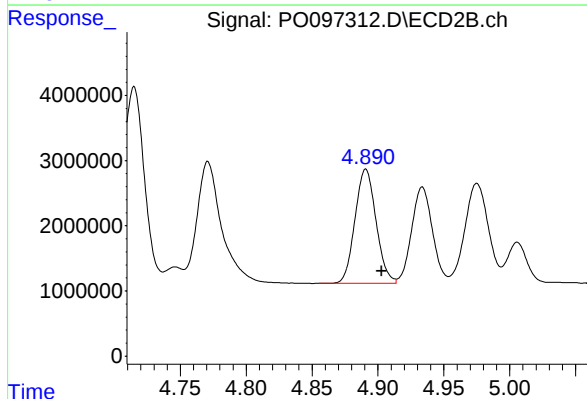
R.T.: 4.715 min
Delta R.T.: -0.011 min
Response: 33206861
Conc: 542.86 ng/ml



#5 AR-1016-3

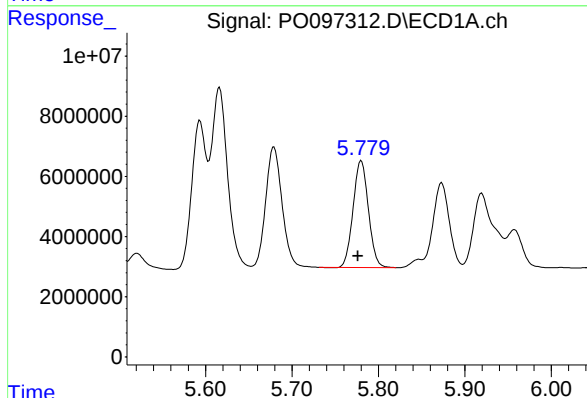
R.T.: 5.679 min
Delta R.T.: 0.002 min
Response: 53267377
Conc: 612.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



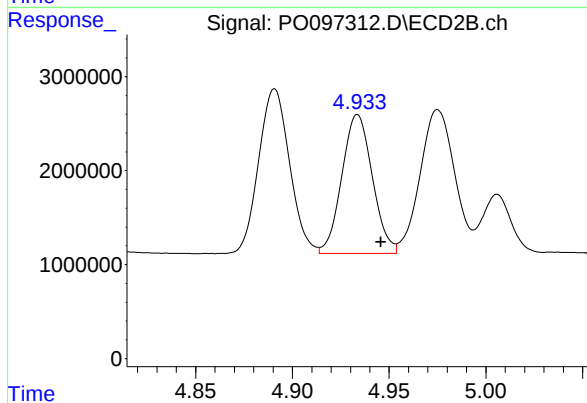
#5 AR-1016-3

R.T.: 4.891 min
Delta R.T.: -0.012 min
Response: 19457216
Conc: 595.60 ng/ml



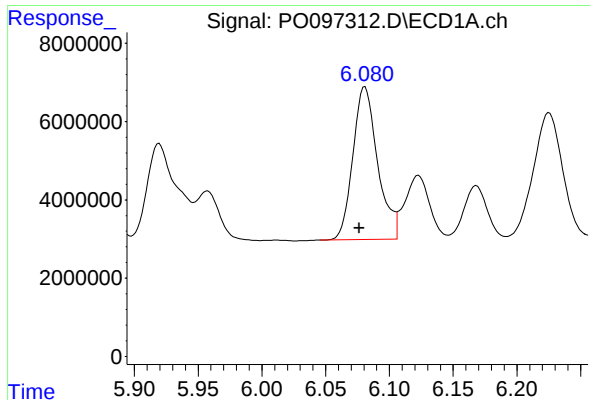
#6 AR-1016-4

R.T.: 5.780 min
Delta R.T.: 0.004 min
Response: 43551917
Conc: 648.38 ng/ml



#6 AR-1016-4

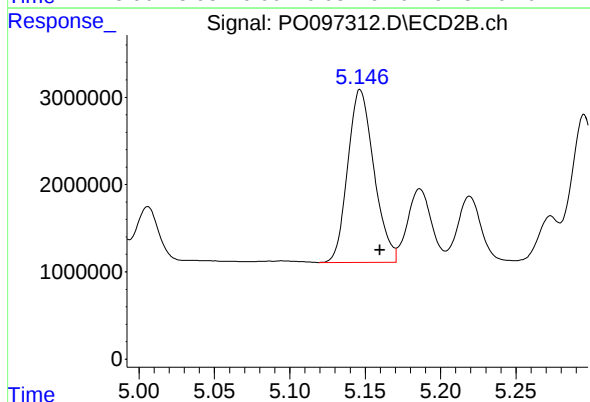
R.T.: 4.934 min
Delta R.T.: -0.012 min
Response: 16210594
Conc: 567.07 ng/ml



#7 AR-1016-5

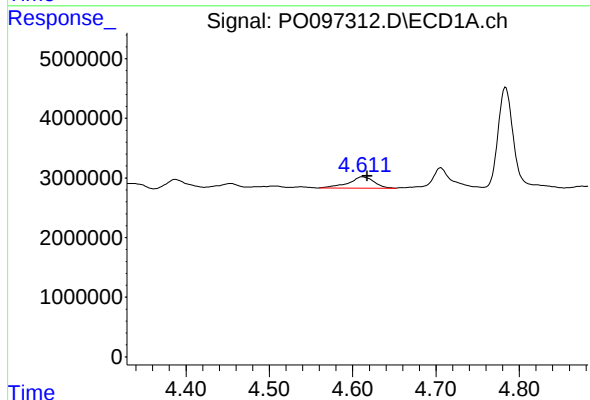
R.T.: 6.081 min
Delta R.T.: 0.004 min
Response: 52574067
Conc: 753.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



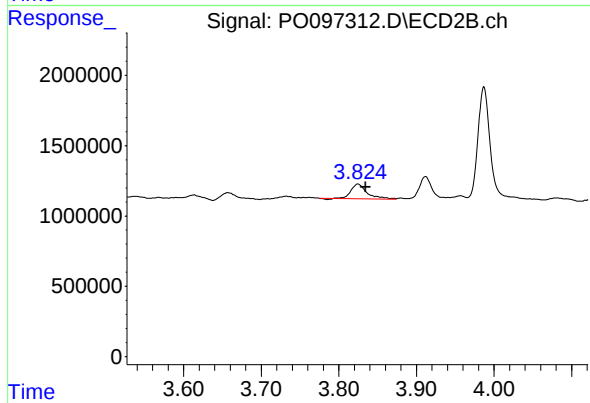
#7 AR-1016-5

R.T.: 5.147 min
Delta R.T.: -0.013 min
Response: 23921079
Conc: 622.19 ng/ml



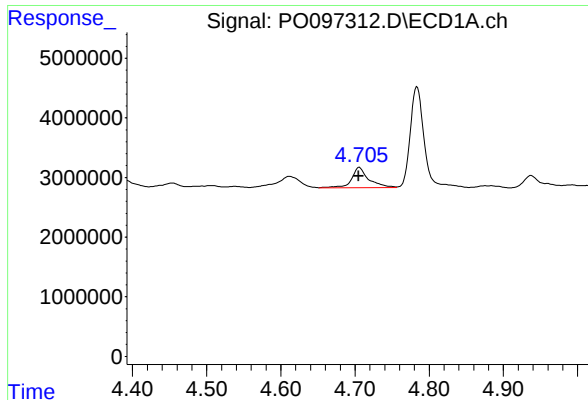
#8 AR-1221-1

R.T.: 4.612 min
Delta R.T.: -0.006 min
Response: 4016878
Conc: 98.56 ng/ml



#8 AR-1221-1

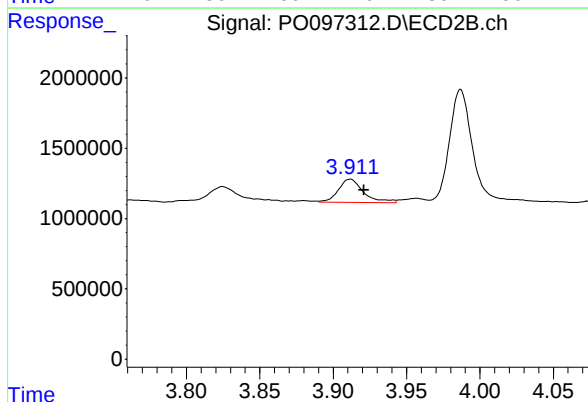
R.T.: 3.825 min
Delta R.T.: -0.010 min
Response: 1531222
Conc: 88.22 ng/ml



#9 AR-1221-2

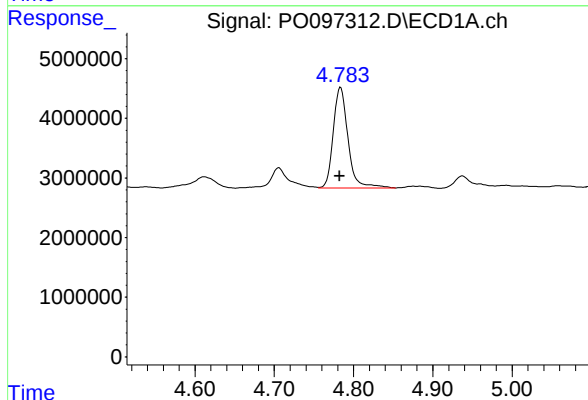
R.T.: 4.706 min
Delta R.T.: 0.000 min
Response: 5390607
Conc: 177.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



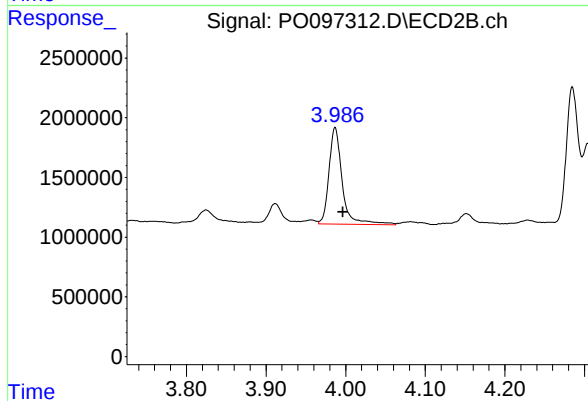
#9 AR-1221-2

R.T.: 3.912 min
Delta R.T.: -0.009 min
Response: 1962813
Conc: 151.91 ng/ml



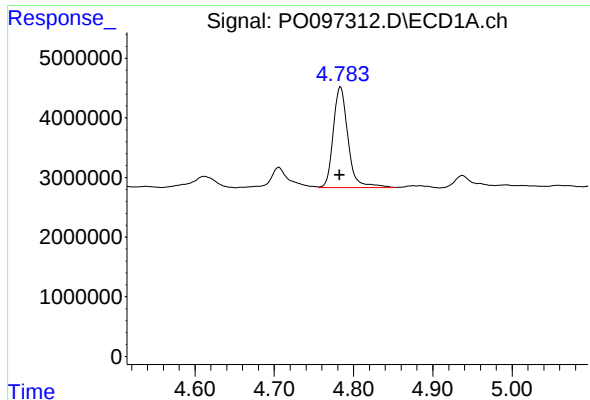
#10 AR-1221-3

R.T.: 4.784 min
Delta R.T.: 0.001 min
Response: 21853033
Conc: 249.66 ng/ml



#10 AR-1221-3

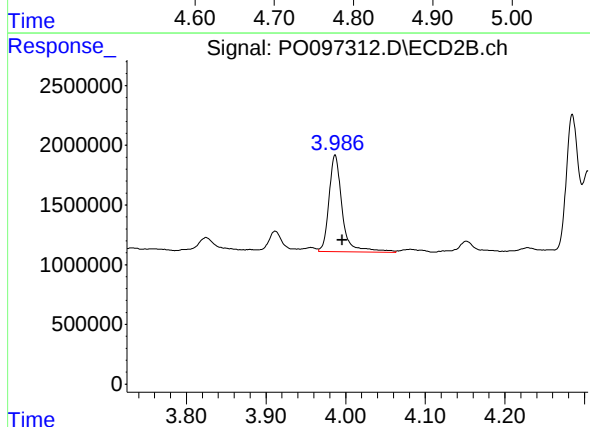
R.T.: 3.987 min
Delta R.T.: -0.010 min
Response: 9360916
Conc: 235.83 ng/ml



#11 AR-1232-1

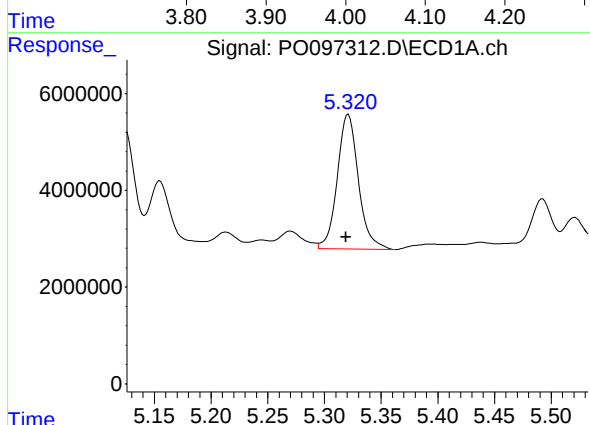
R.T.: 4.784 min
Delta R.T.: 0.001 min
Response: 21853033
Conc: 299.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



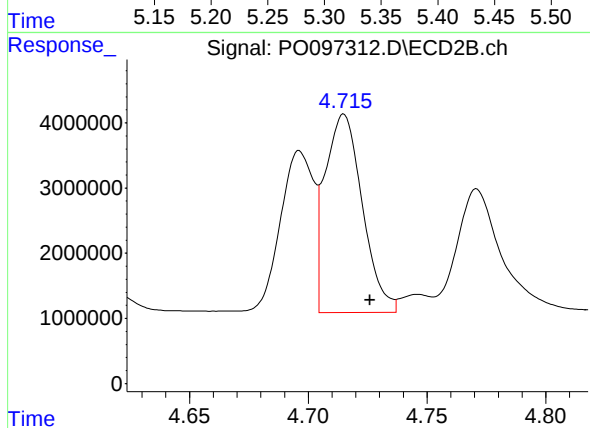
#11 AR-1232-1

R.T.: 3.987 min
Delta R.T.: -0.009 min
Response: 9360916
Conc: 289.39 ng/ml



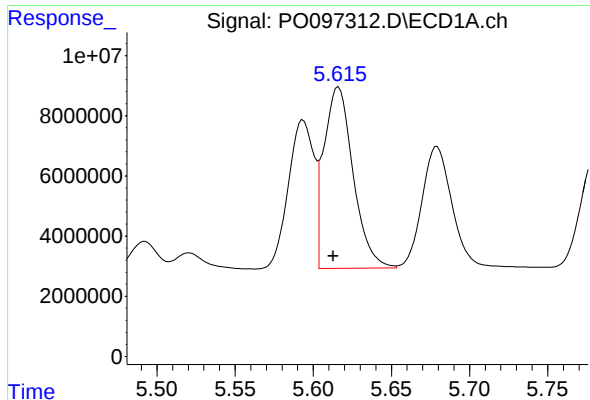
#12 AR-1232-2

R.T.: 5.321 min
Delta R.T.: 0.002 min
Response: 36087795
Conc: 910.25 ng/ml



#12 AR-1232-2

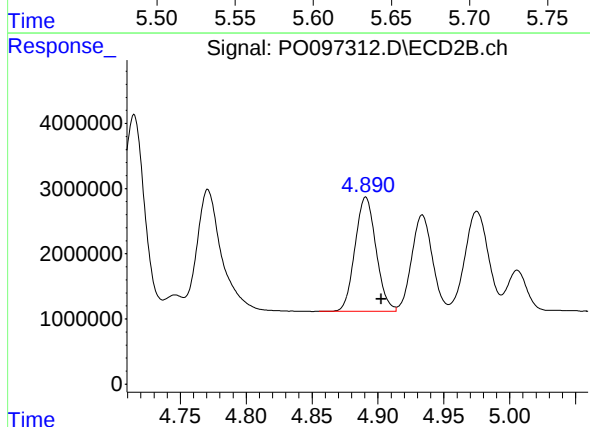
R.T.: 4.715 min
Delta R.T.: -0.011 min
Response: 33206861
Conc: 1150.92 ng/ml



#13 AR-1232-3

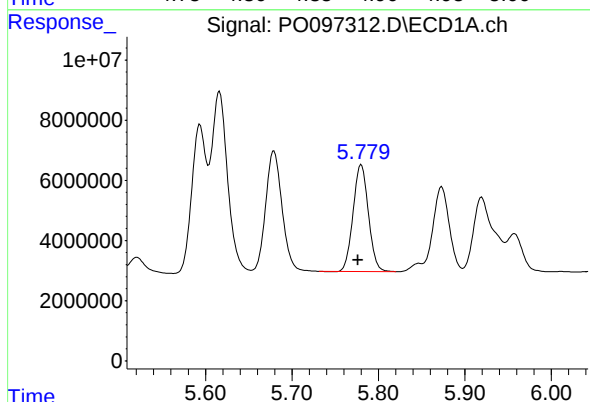
R.T.: 5.616 min
Delta R.T.: 0.003 min
Response: 78520563
Conc: 1283.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



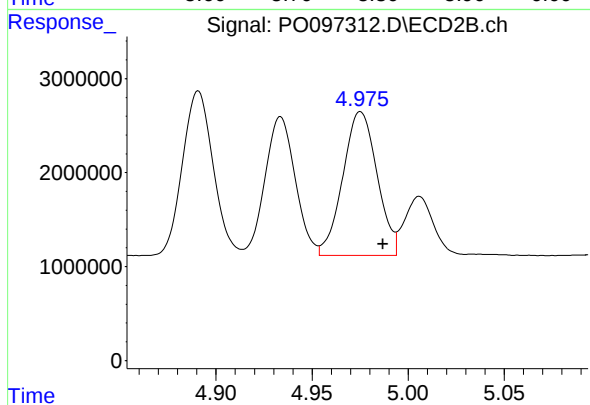
#13 AR-1232-3

R.T.: 4.891 min
Delta R.T.: -0.012 min
Response: 19457216
Conc: 1283.30 ng/ml



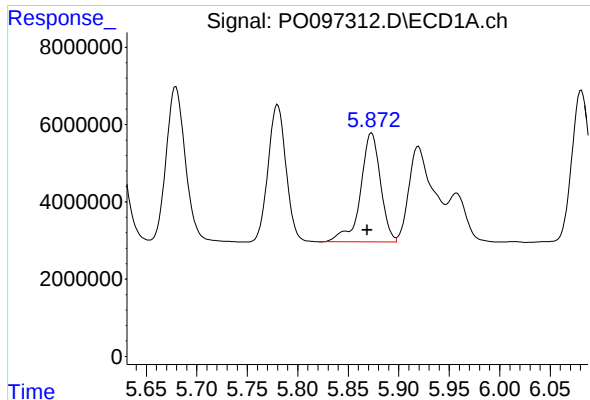
#14 AR-1232-4

R.T.: 5.780 min
Delta R.T.: 0.004 min
Response: 43551917
Conc: 1427.28 ng/ml



#14 AR-1232-4

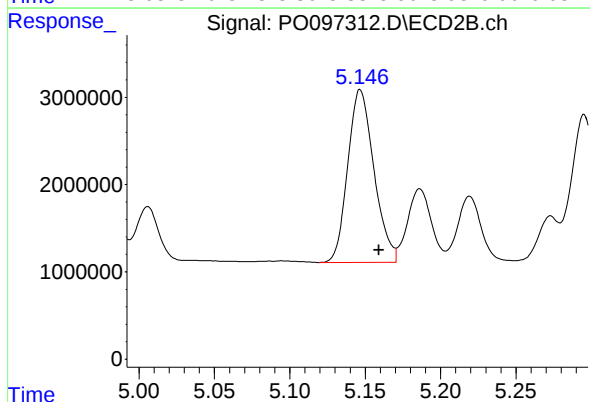
R.T.: 4.975 min
Delta R.T.: -0.012 min
Response: 18967828
Conc: 1269.20 ng/ml



#15 AR-1232-5

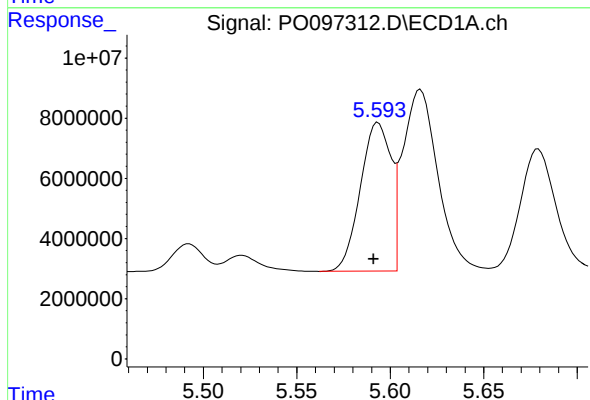
R.T.: 5.873 min
Delta R.T.: 0.004 min
Response: 38830867
Conc: 1387.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



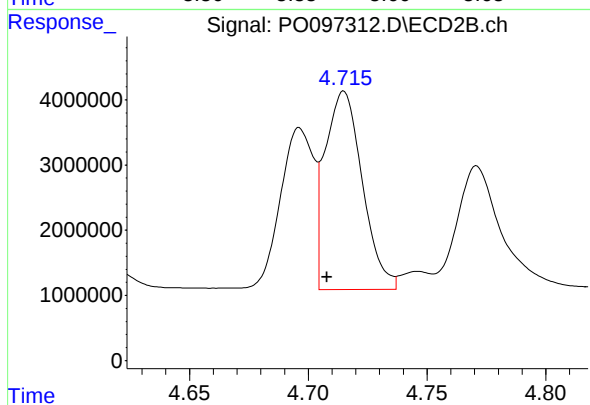
#15 AR-1232-5

R.T.: 5.147 min
Delta R.T.: -0.012 min
Response: 23921079
Conc: 1463.35 ng/ml



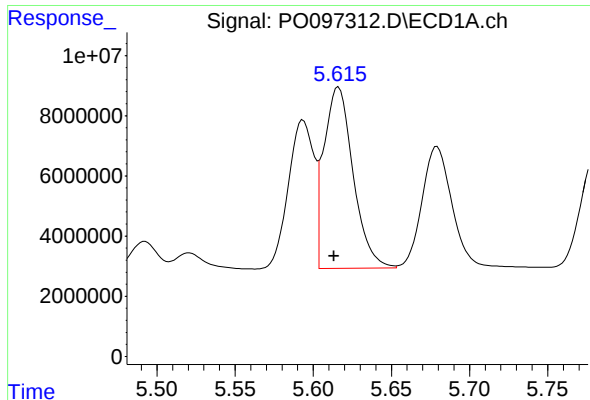
#16 AR-1242-1

R.T.: 5.593 min
Delta R.T.: 0.002 min
Response: 56192507
Conc: 670.42 ng/ml



#16 AR-1242-1

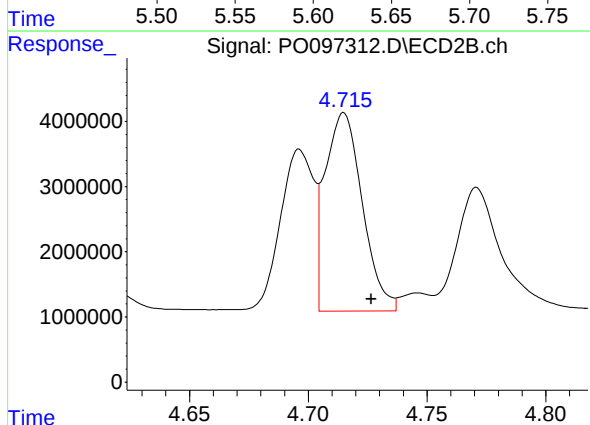
R.T.: 4.715 min
Delta R.T.: 0.007 min
Response: 33206861
Conc: 842.28 ng/ml



#17 AR-1242-2

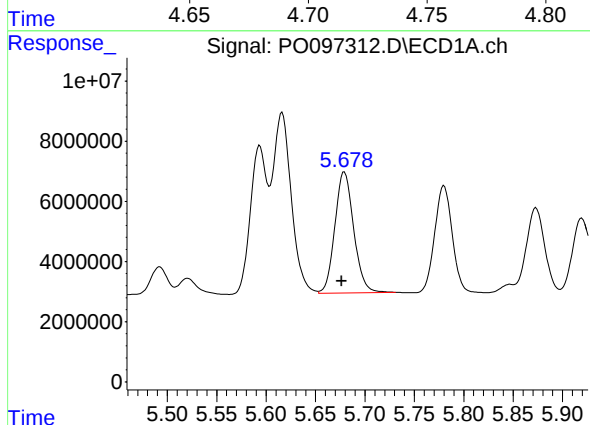
R.T.: 5.616 min
Delta R.T.: 0.003 min
Response: 78520563
Conc: 666.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



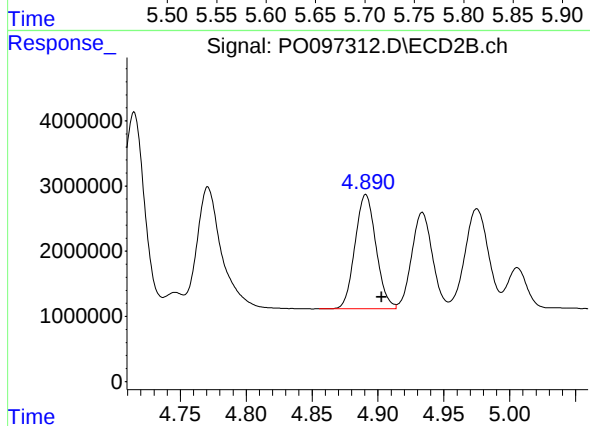
#17 AR-1242-2

R.T.: 4.715 min
Delta R.T.: -0.012 min
Response: 33206861
Conc: 609.40 ng/ml



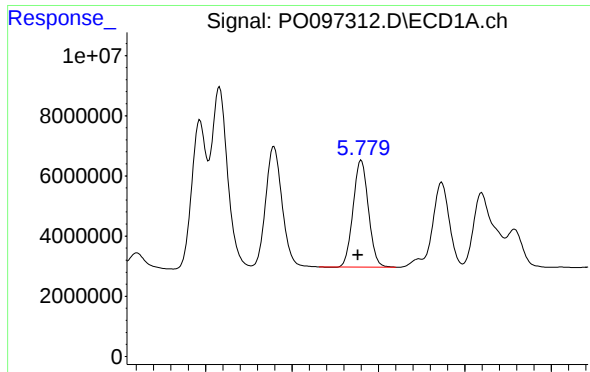
#18 AR-1242-3

R.T.: 5.679 min
Delta R.T.: 0.002 min
Response: 53267377
Conc: 721.07 ng/ml



#18 AR-1242-3

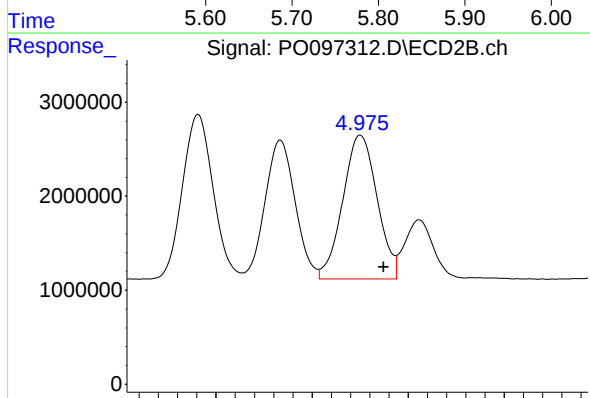
R.T.: 4.891 min
Delta R.T.: -0.012 min
Response: 19457216
Conc: 658.04 ng/ml



#19 AR-1242-4

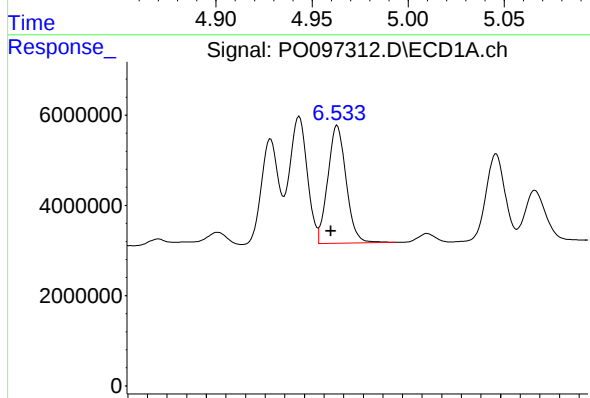
R.T.: 5.780 min
Delta R.T.: 0.003 min
Response: 43551917
Conc: 731.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



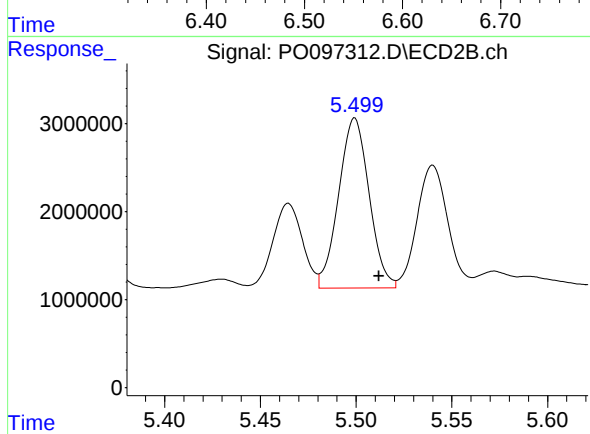
#19 AR-1242-4

R.T.: 4.975 min
Delta R.T.: -0.012 min
Response: 18967828
Conc: 601.89 ng/ml



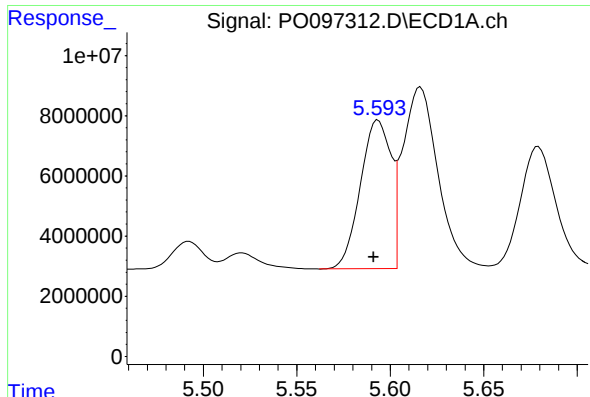
#20 AR-1242-5

R.T.: 6.534 min
Delta R.T.: 0.006 min
Response: 33941097
Conc: 616.89 ng/ml



#20 AR-1242-5

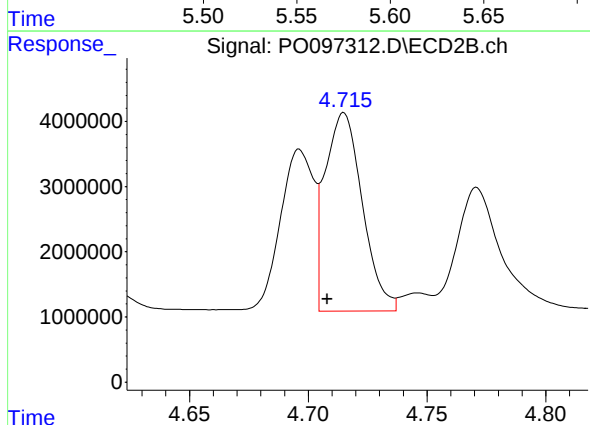
R.T.: 5.499 min
Delta R.T.: -0.013 min
Response: 21350891
Conc: 585.98 ng/ml



#21 AR-1248-1

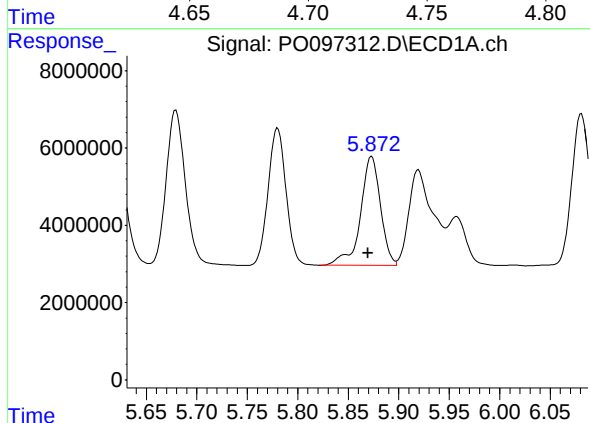
R.T.: 5.593 min
Delta R.T.: 0.002 min
Response: 56192507
Conc: 959.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



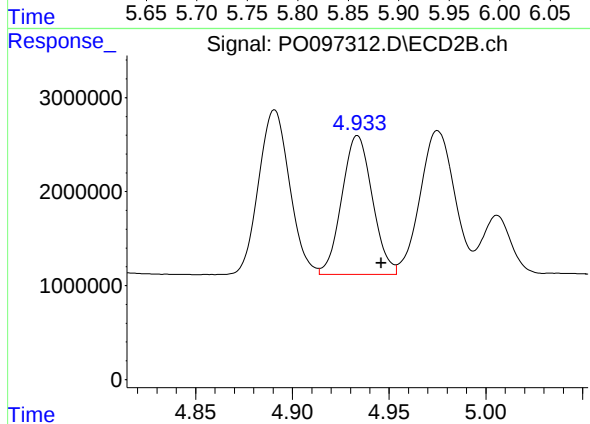
#21 AR-1248-1

R.T.: 4.715 min
Delta R.T.: 0.007 min
Response: 33206861
Conc: 1183.32 ng/ml



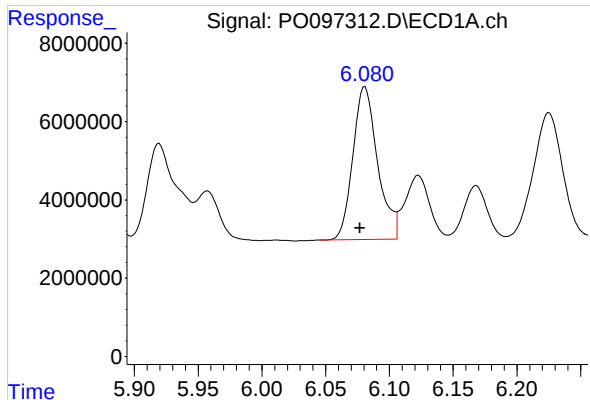
#22 AR-1248-2

R.T.: 5.873 min
Delta R.T.: 0.004 min
Response: 38830867
Conc: 413.02 ng/ml



#22 AR-1248-2

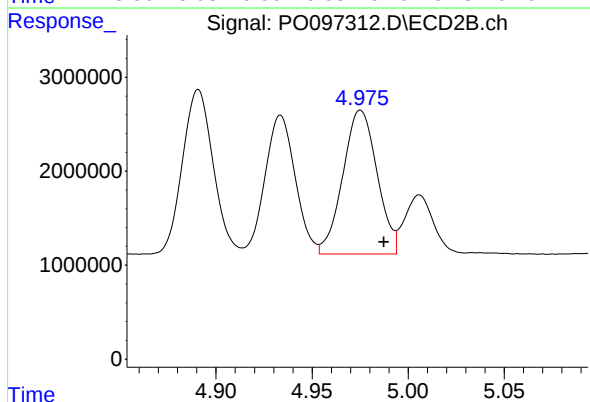
R.T.: 4.934 min
Delta R.T.: -0.012 min
Response: 16210594
Conc: 382.50 ng/ml



#23 AR-1248-3

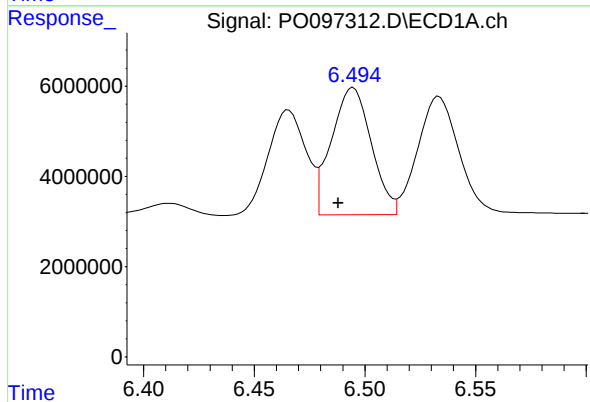
R.T.: 6.081 min
Delta R.T.: 0.004 min
Response: 52574067
Conc: 537.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



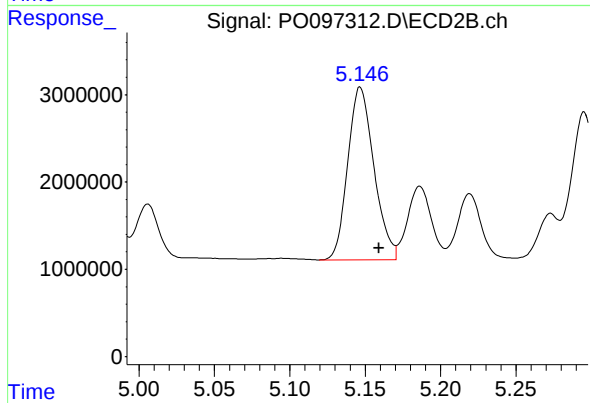
#23 AR-1248-3

R.T.: 4.975 min
Delta R.T.: -0.012 min
Response: 18967828
Conc: 432.41 ng/ml



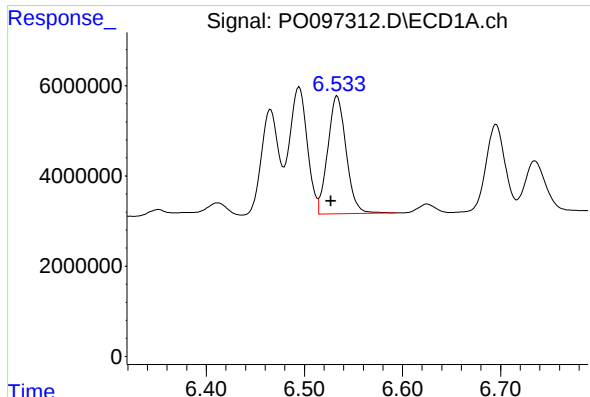
#24 AR-1248-4

R.T.: 6.495 min
Delta R.T.: 0.007 min
Response: 35454707
Conc: 390.28 ng/ml



#24 AR-1248-4

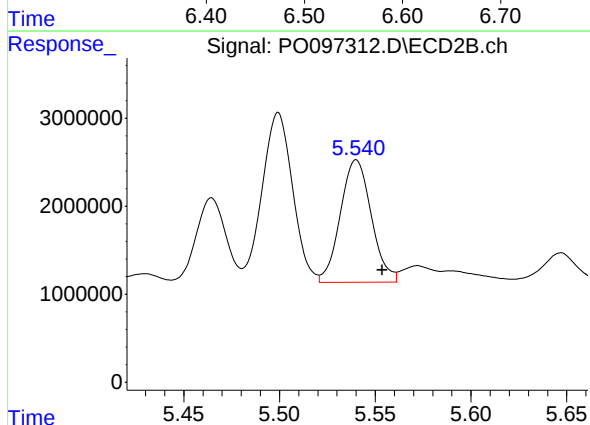
R.T.: 5.147 min
Delta R.T.: -0.012 min
Response: 23921079
Conc: 468.58 ng/ml



#25 AR-1248-5

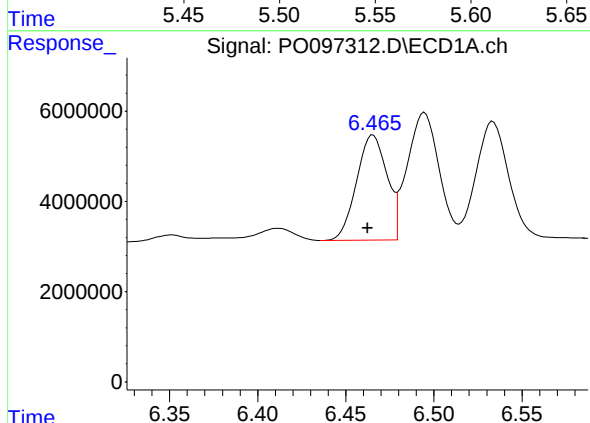
R.T.: 6.534 min
Delta R.T.: 0.006 min
Response: 33941097
Conc: 385.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



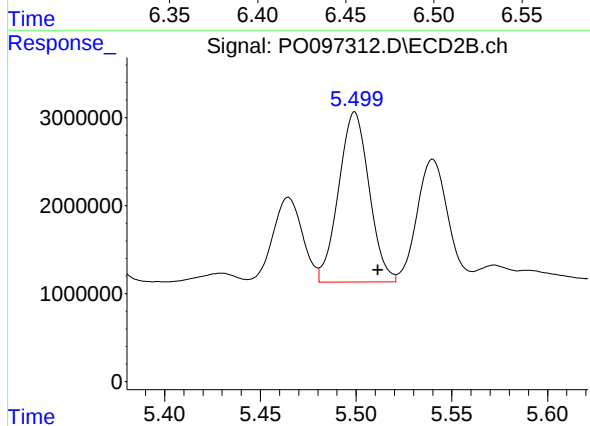
#25 AR-1248-5

R.T.: 5.540 min
Delta R.T.: -0.014 min
Response: 15630963
Conc: 334.34 ng/ml



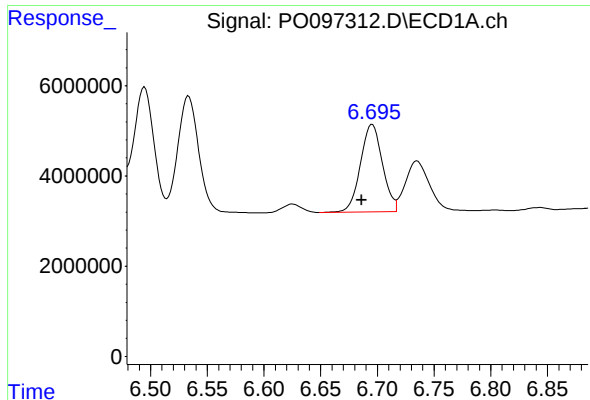
#26 AR-1254-1

R.T.: 6.465 min
Delta R.T.: 0.003 min
Response: 27985993
Conc: 256.07 ng/ml



#26 AR-1254-1

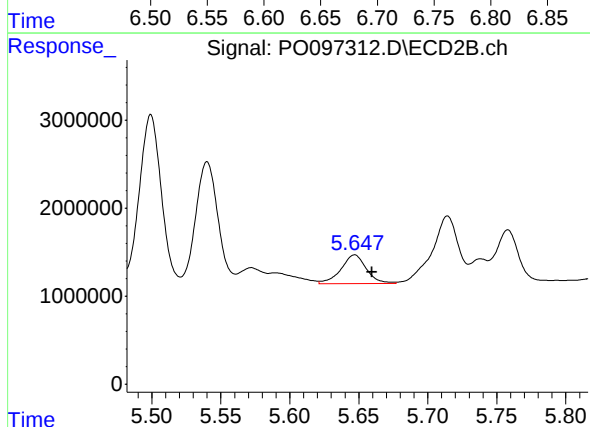
R.T.: 5.499 min
Delta R.T.: -0.012 min
Response: 21350891
Conc: 289.32 ng/ml



#27 AR-1254-2

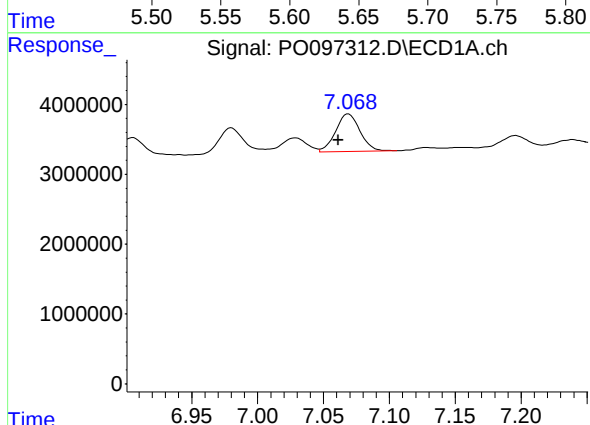
R.T.: 6.695 min
Delta R.T.: 0.009 min
Response: 26245430
Conc: 162.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



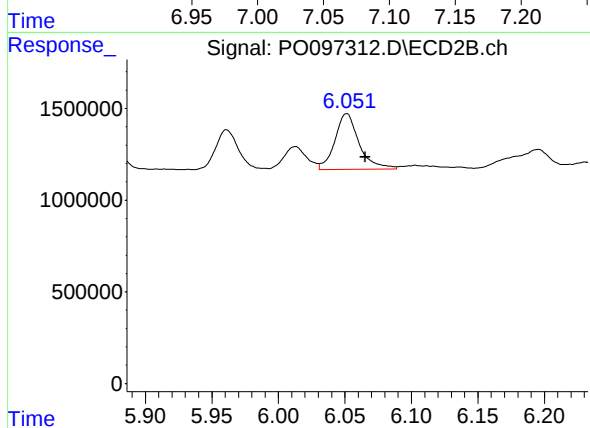
#27 AR-1254-2

R.T.: 5.647 min
Delta R.T.: -0.012 min
Response: 4213916
Conc: 63.96 ng/ml



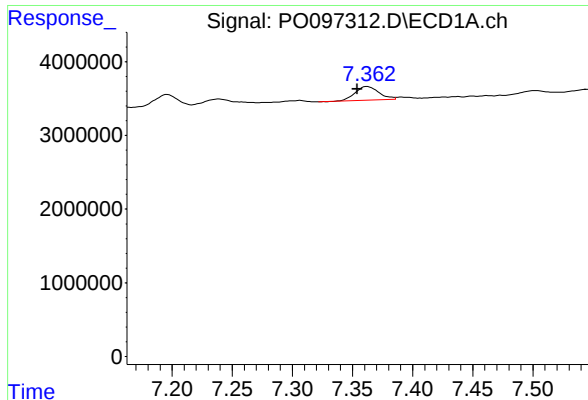
#28 AR-1254-3

R.T.: 7.069 min
Delta R.T.: 0.008 min
Response: 6922074
Conc: 44.17 ng/ml



#28 AR-1254-3

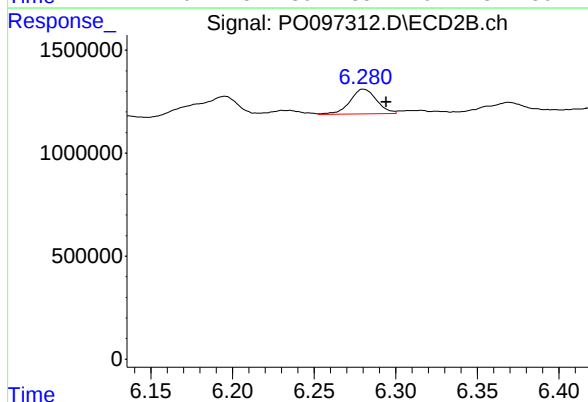
R.T.: 6.051 min
Delta R.T.: -0.014 min
Response: 3850869
Conc: 38.10 ng/ml



#29 AR-1254-4

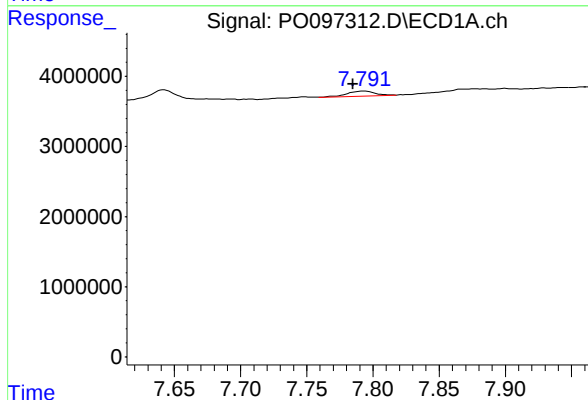
R.T.: 7.362 min
Delta R.T.: 0.008 min
Response: 2585098
Conc: 25.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



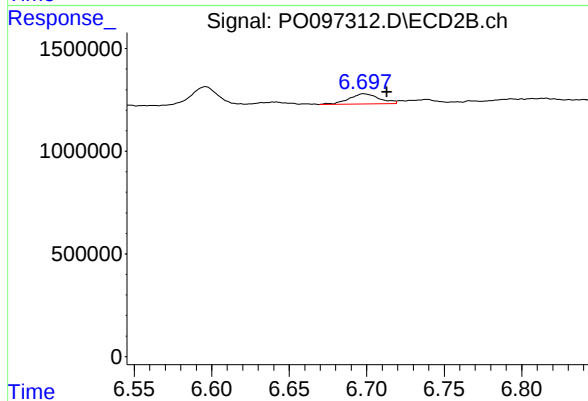
#29 AR-1254-4

R.T.: 6.280 min
Delta R.T.: -0.014 min
Response: 1364401
Conc: 23.58 ng/ml



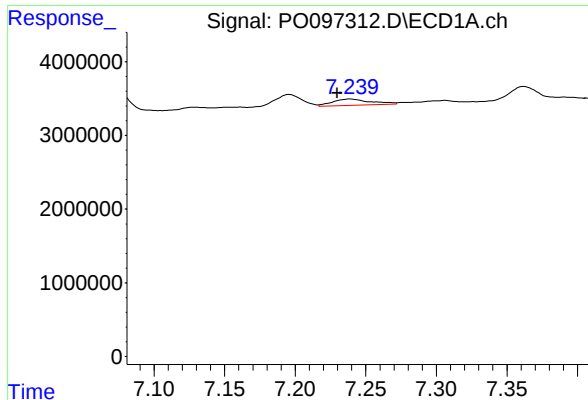
#30 AR-1254-5

R.T.: 7.793 min
Delta R.T.: 0.008 min
Response: 1095449
Conc: 9.76 ng/ml



#30 AR-1254-5

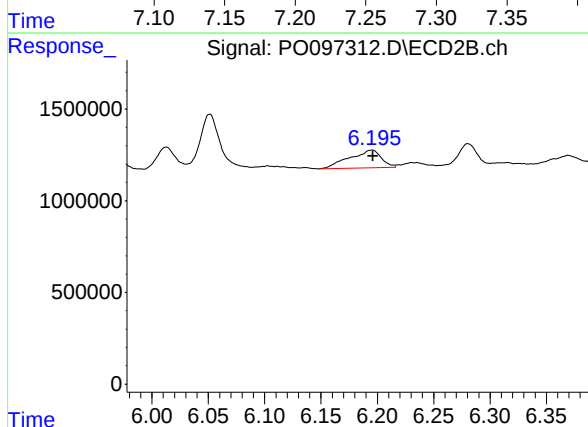
R.T.: 6.698 min
Delta R.T.: -0.015 min
Response: 669109
Conc: 7.61 ng/ml



#31 AR-1260-1

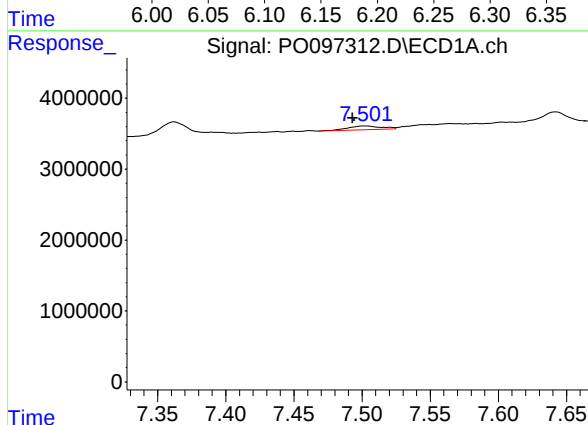
R.T.: 7.239 min
Delta R.T.: 0.009 min
Response: 1545608
Conc: 12.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



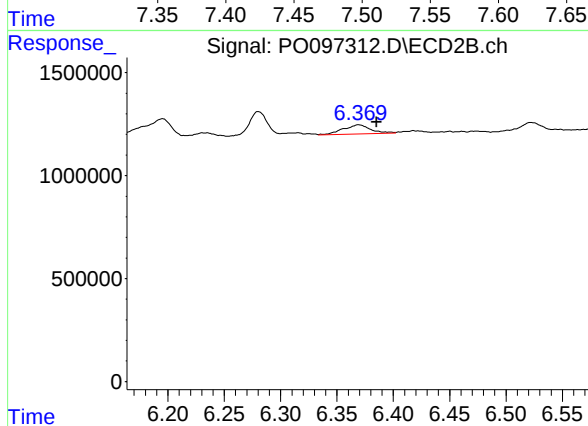
#31 AR-1260-1

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 1890215
Conc: 26.86 ng/ml



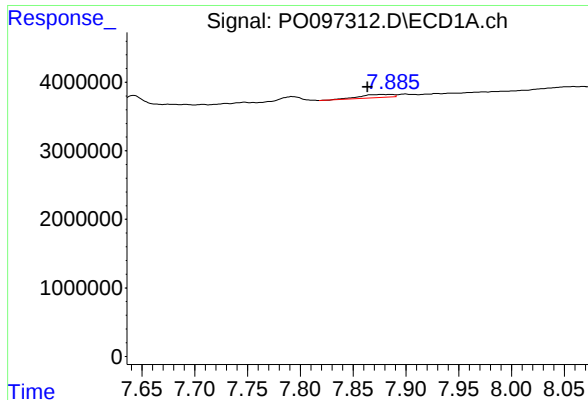
#32 AR-1260-2

R.T.: 7.502 min
Delta R.T.: 0.009 min
Response: 941120
Conc: 6.98 ng/ml



#32 AR-1260-2

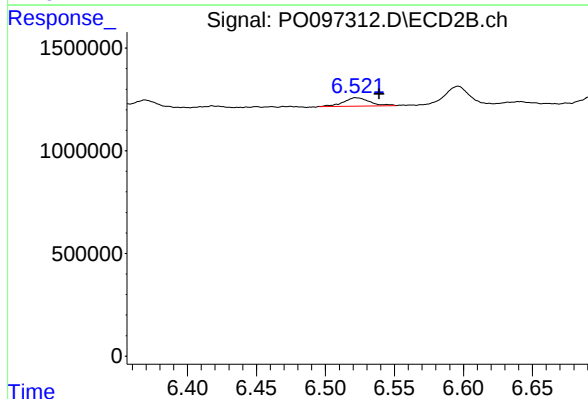
R.T.: 6.369 min
Delta R.T.: -0.016 min
Response: 755256
Conc: 9.05 ng/ml



#33 AR-1260-3

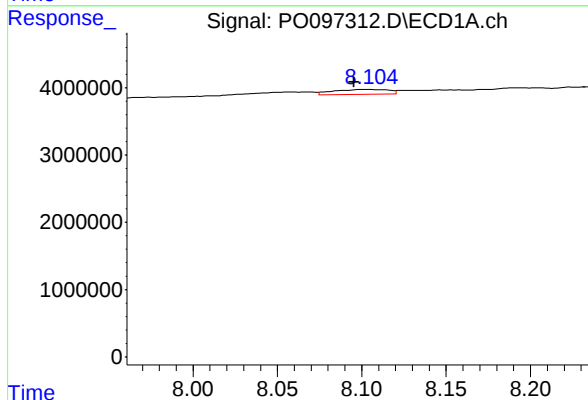
R.T.: 7.885 min
Delta R.T.: 0.022 min
Response: 1017511
Conc: 9.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



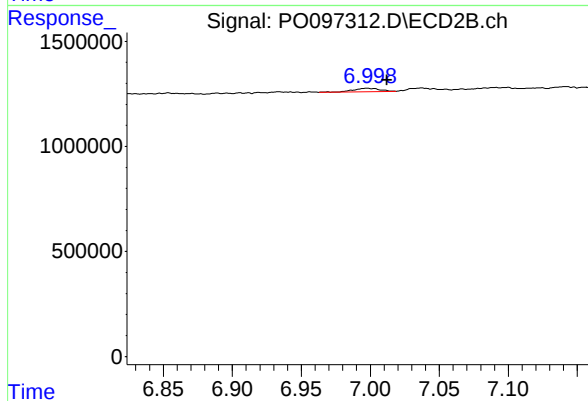
#33 AR-1260-3

R.T.: 6.522 min
Delta R.T.: -0.017 min
Response: 546388
Conc: 7.08 ng/ml



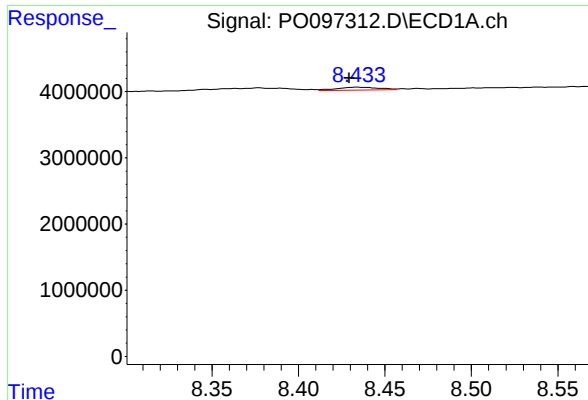
#34 AR-1260-4

R.T.: 8.105 min
Delta R.T.: 0.009 min
Response: 1612762
Conc: 14.42 ng/ml



#34 AR-1260-4

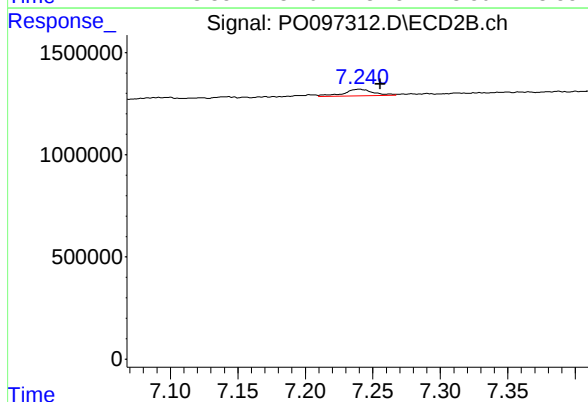
R.T.: 6.997 min
Delta R.T.: -0.015 min
Response: 219518
Conc: 3.43 ng/ml



#35 AR-1260-5

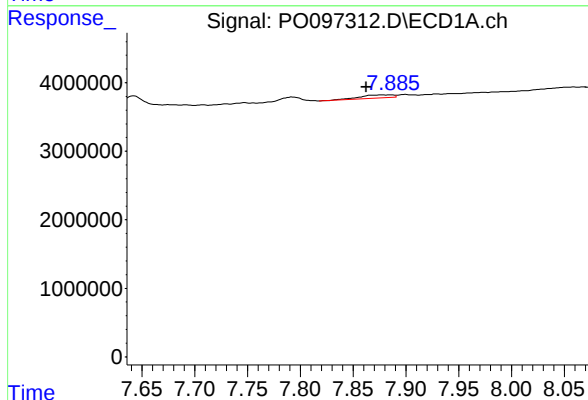
R.T.: 8.434 min
Delta R.T.: 0.004 min
Response: 784483
Conc: 3.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



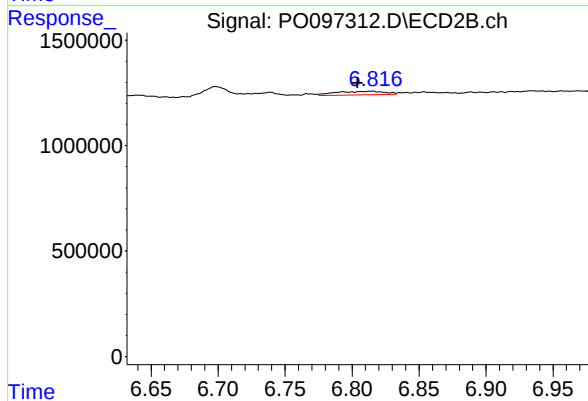
#35 AR-1260-5

R.T.: 7.240 min
Delta R.T.: -0.016 min
Response: 495362
Conc: 3.57 ng/ml



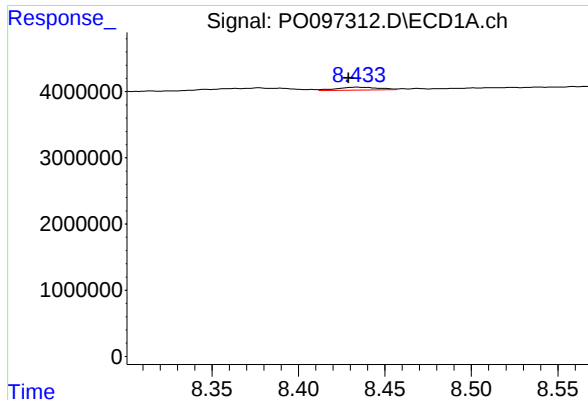
#36 AR-1262-1

R.T.: 7.885 min
Delta R.T.: 0.023 min
Response: 1017511
Conc: 6.85 ng/ml



#36 AR-1262-1

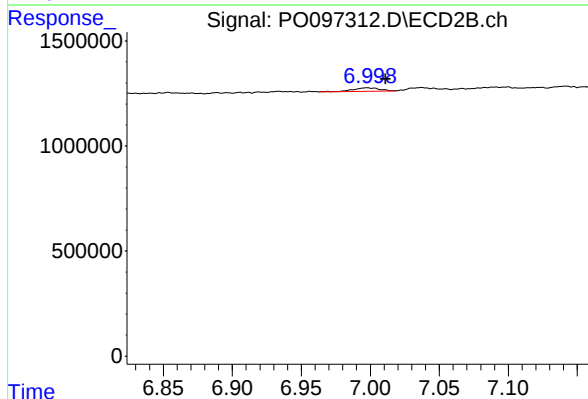
R.T.: 6.815 min
Delta R.T.: 0.010 min
Response: 415532
Conc: 10.55 ng/ml



#37 AR-1262-2

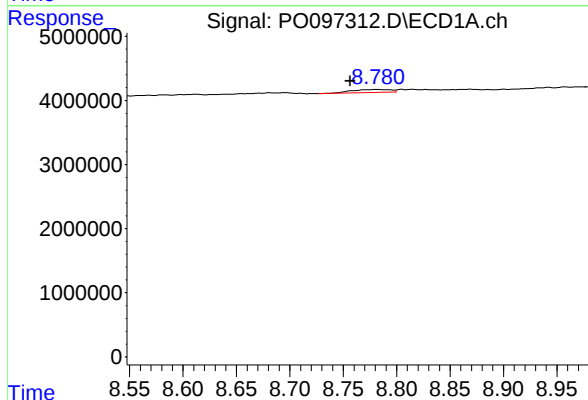
R.T.: 8.434 min
Delta R.T.: 0.005 min
Response: 784483
Conc: 3.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



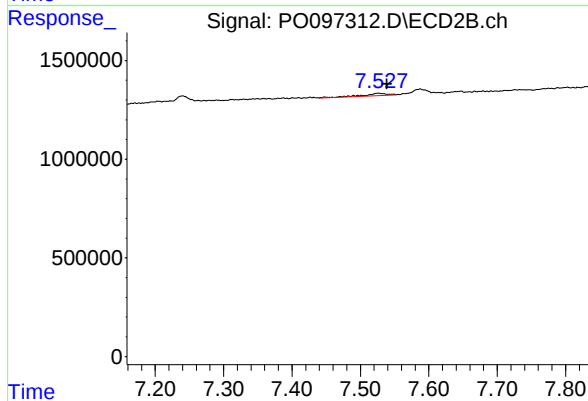
#37 AR-1262-2

R.T.: 6.997 min
Delta R.T.: -0.014 min
Response: 219518
Conc: 2.71 ng/ml



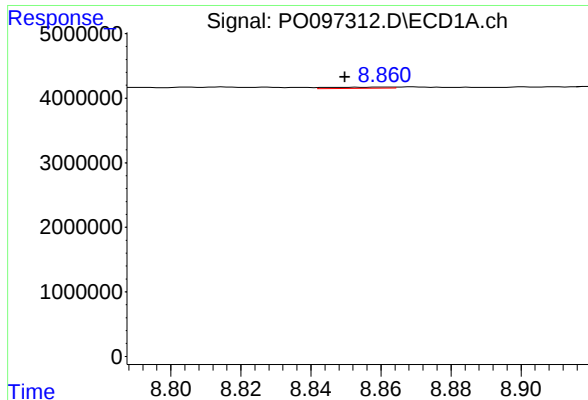
#38 AR-1262-3

R.T.: 8.781 min
Delta R.T.: 0.024 min
Response: 1216893
Conc: 7.30 ng/ml



#38 AR-1262-3

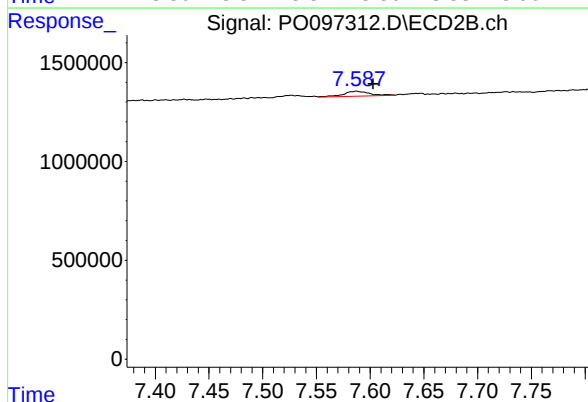
R.T.: 7.527 min
Delta R.T.: -0.012 min
Response: 311928
Conc: 4.86 ng/ml



#39 AR-1262-4

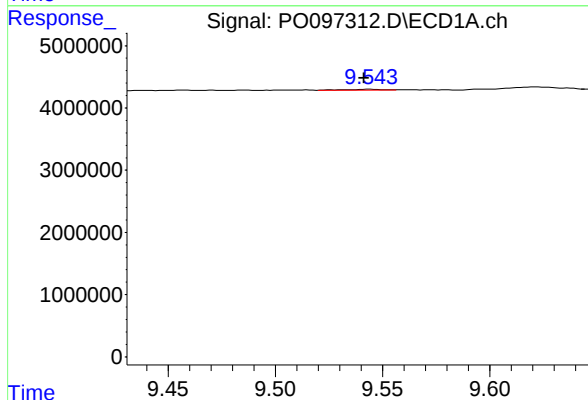
R.T.: 8.861 min
Delta R.T.: 0.011 min
Response: 227847
Conc: 3.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



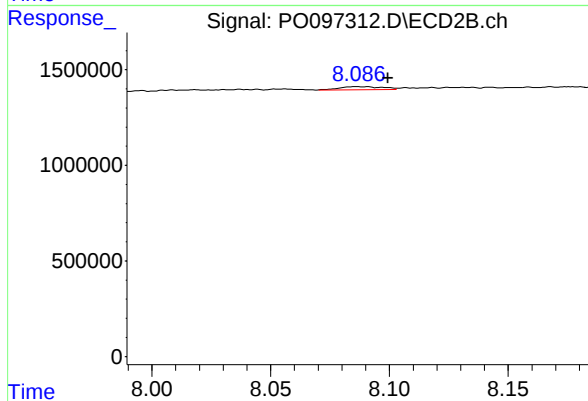
#39 AR-1262-4

R.T.: 7.587 min
Delta R.T.: -0.016 min
Response: 442768
Conc: 3.90 ng/ml



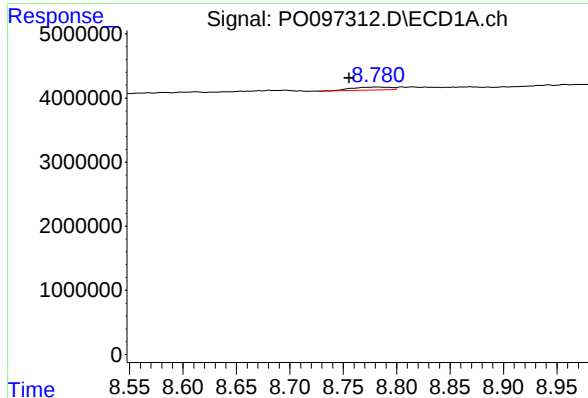
#40 AR-1262-5

R.T.: 9.544 min
Delta R.T.: 0.002 min
Response: 185888
Conc: 2.23 ng/ml



#40 AR-1262-5

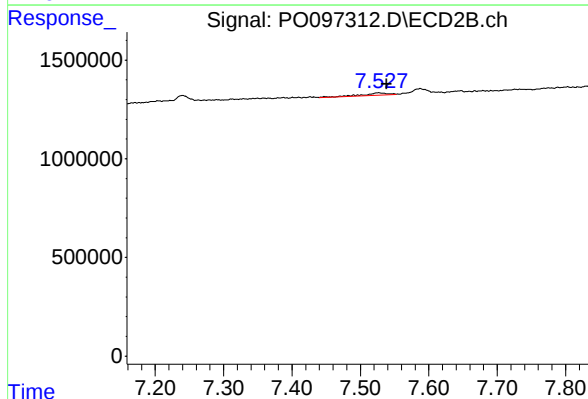
R.T.: 8.086 min
Delta R.T.: -0.013 min
Response: 203006
Conc: 3.87 ng/ml



#41 AR-1268-1

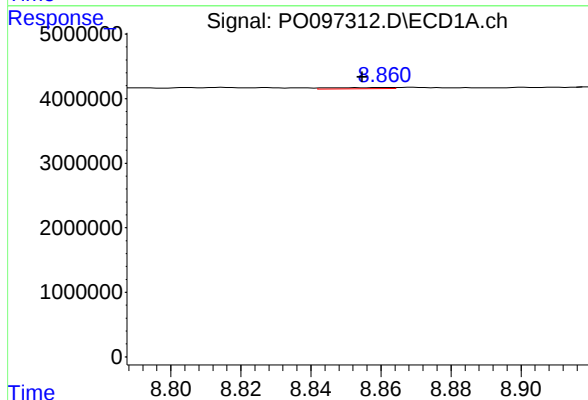
R.T.: 8.781 min
Delta R.T.: 0.025 min
Response: 1216893
Conc: 3.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



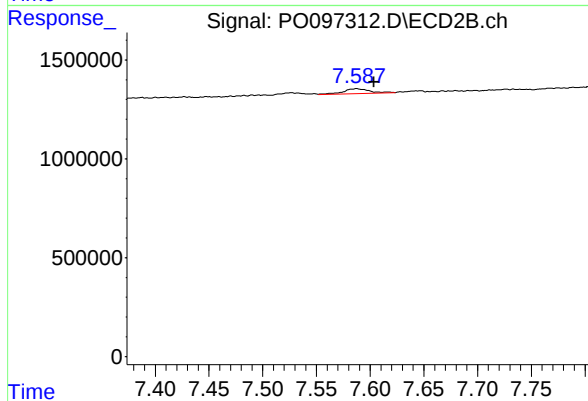
#41 AR-1268-1

R.T.: 7.527 min
Delta R.T.: -0.012 min
Response: 311928
Conc: 1.68 ng/ml



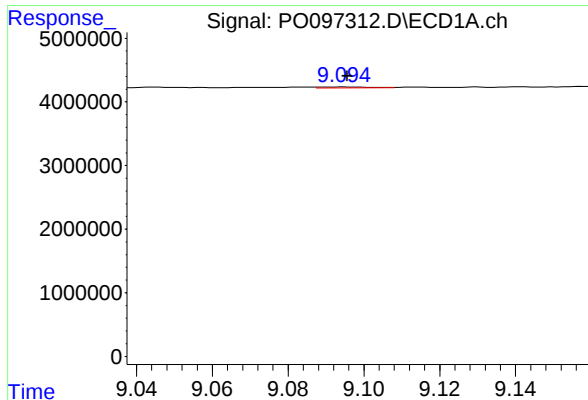
#42 AR-1268-2

R.T.: 8.861 min
Delta R.T.: 0.006 min
Response: 227847
Conc: 0.83 ng/ml



#42 AR-1268-2

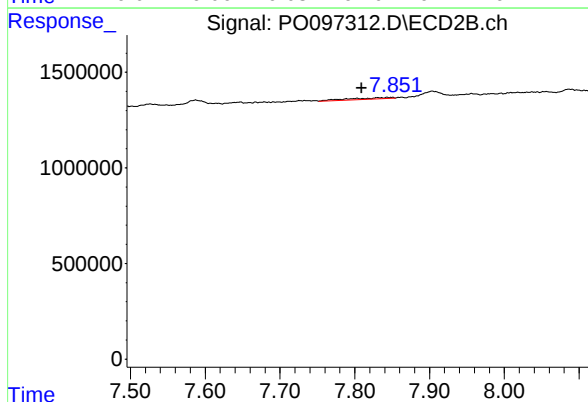
R.T.: 7.587 min
Delta R.T.: -0.016 min
Response: 442768
Conc: 2.64 ng/ml



#43 AR-1268-3

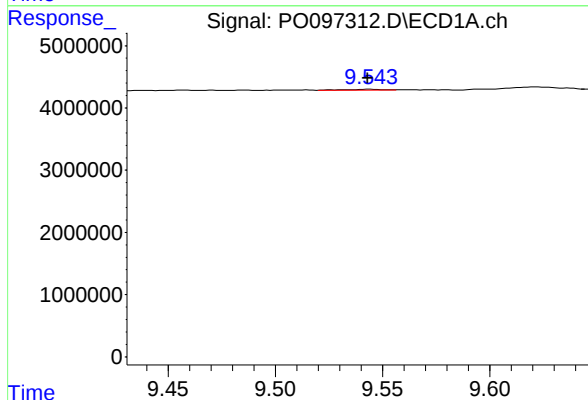
R.T.: 9.095 min
Delta R.T.: -0.001 min
Response: 152038
Conc: 0.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



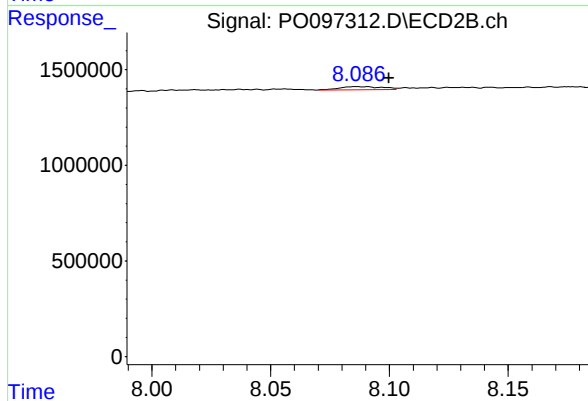
#43 AR-1268-3

R.T.: 7.843 min
Delta R.T.: 0.034 min
Response: 289663
Conc: 2.00 ng/ml



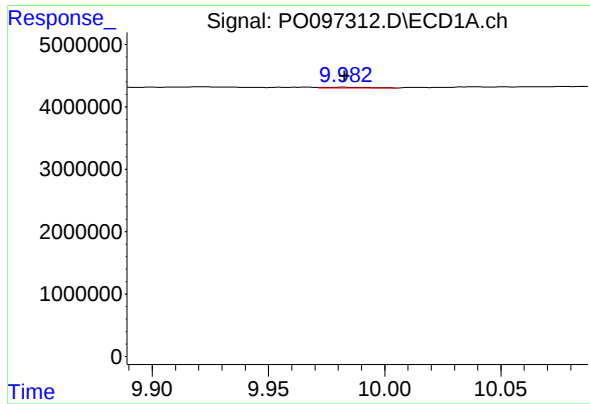
#44 AR-1268-4

R.T.: 9.544 min
Delta R.T.: 0.000 min
Response: 185888
Conc: 2.00 ng/ml



#44 AR-1268-4

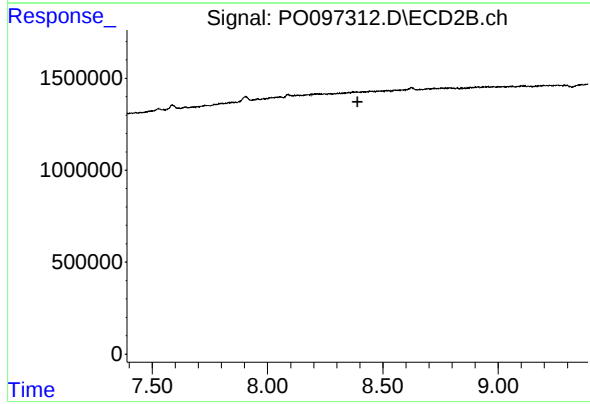
R.T.: 8.086 min
Delta R.T.: -0.014 min
Response: 203006
Conc: 3.41 ng/ml



#45 AR-1268-5

R.T.: 9.983 min
Delta R.T.: 0.000 min
Response: 153342
Conc: 0.19 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.