

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081523\
 Data File : P0097136.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2023 07:37
 Operator : YP/AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 16 07:51:49 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...	4.409	3.615	166.1E6	66631018	50.182	50.333
2) SA Decachlor...	10.349	8.630	113.3E6	54194838	51.783	46.844
Target Compounds						
3) L1 AR-1016-1	5.594	4.699	29503773	13911123	313.258	313.766
4) L1 AR-1016-2	5.618	4.718	34890645	13652468	260.817	223.186
5) L1 AR-1016-3	5.681	4.895	17405671	9210196	200.017	281.929 #
6) L1 AR-1016-4	5.780	4.937	19313222	19862201	287.526	694.813 #
7) L1 AR-1016-5	6.082	5.150	47160480	24240260	675.487	630.494
8) L2 AR-1221-1	4.610	3.826	404333	275088	9.921	15.849 #
9) L2 AR-1221-2	4.719	3.914	2736561	992838	90.078	76.841
10) L2 AR-1221-3	4.785	3.990	2775904	1204107	31.713	30.335
11) L3 AR-1232-1	4.785	3.990	2775904	1204107	38.061	37.225
12) L3 AR-1232-2	5.322	4.718	13915230	13652468	350.988	473.181 #
13) L3 AR-1232-3	5.618	4.895	34890645	9210196	570.363	607.458
14) L3 AR-1232-4	5.780	4.978	19313222	21064944	632.933	1409.530 #
15) L3 AR-1232-5	5.874	5.150	44361120	24240260	1585.278	1482.877
16) L4 AR-1242-1	5.594	4.699	29503773	13911123	352.003	352.851
17) L4 AR-1242-2	5.618	4.718	34890645	13652468	296.282	250.546
18) L4 AR-1242-3	5.681	4.895	17405671	9210196	235.618	311.486 #
19) L4 AR-1242-4	5.780	4.978	19313222	21064944	324.427	668.434 #
20) L4 AR-1242-5	6.535	5.503	44221820	32513699	803.745	892.346
21) L5 AR-1248-1	5.594	4.699	29503773	13911123	503.528	495.719
22) L5 AR-1248-2	5.874	4.937	44361120	19862201	471.838	468.658
23) L5 AR-1248-3	6.082	4.978	47160480	21064944	482.170	480.222
24) L5 AR-1248-4	6.495	5.150	46456595	24240260	511.392	474.835
25) L5 AR-1248-5	6.535	5.544	44221820	22800741	502.030	487.697
26) L6 AR-1254-1	6.467	5.503	36681269	32513699	335.630	440.588 #
27) L6 AR-1254-2	6.696	5.651	47118806	10407341	292.250	157.973 #
28) L6 AR-1254-3	7.070	6.055	25698148	15206836	163.999	150.470
29) L6 AR-1254-4	7.364	6.285	17222599	10397127	170.828	179.649
30) L6 AR-1254-5	7.794	6.704	3876922	3158911	34.549	35.931
31) L7 AR-1260-1	7.240	6.200	3979209	7321250	31.659	104.042 #
32) L7 AR-1260-2	7.502	6.374	3552679	1486758	26.368	17.813 #
33) L7 AR-1260-3	7.874	6.527	1041376	1574040	10.035	20.384 #
34) L7 AR-1260-4	8.093	7.001	2814487	285112	25.173	4.449 #
35) L7 AR-1260-5	8.435	7.243	1619743	518760	7.714	3.742 #
36) L8 AR-1262-1	7.874	6.773	1041376	460769	7.011	11.704 #
37) L8 AR-1262-2	8.435	7.001	1619743	285112	6.998	3.515 #
38) L8 AR-1262-3	8.783	7.529	1022830	129880	6.132	2.024 #
39) L8 AR-1262-4	8.838	7.591	337810	374564	4.633	3.297 #
40) L8 AR-1262-5	9.549	0.000	448913	0	5.391	N.D. #
41) L9 AR-1268-1	8.783	7.529	1022830	129880	3.327	0.701 #

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 Operator : YP/AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

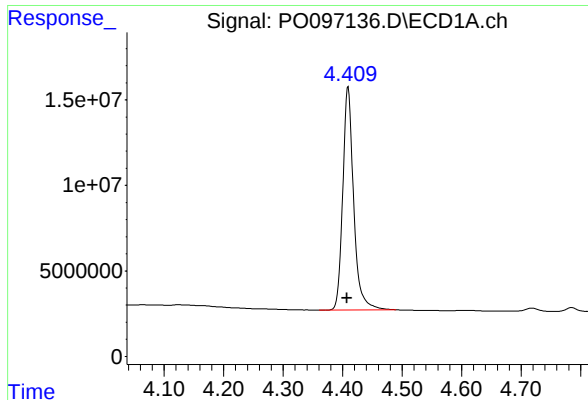
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 16 07:51:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080723.M
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 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	8.862	7.591	567479	374564	2.070	2.234
43) L9	AR-1268-3	9.103	7.803	685988	237259	2.686	1.642 #
44) L9	AR-1268-4	9.549	0.000	448913	0	4.842	N.D. #
45) L9	AR-1268-5	9.985	8.378	1611009	334280	1.994	0.804 #

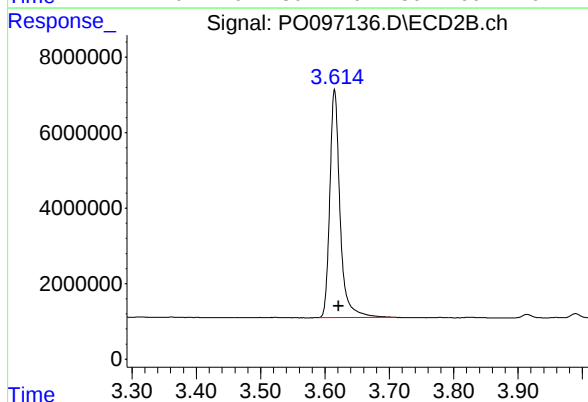
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

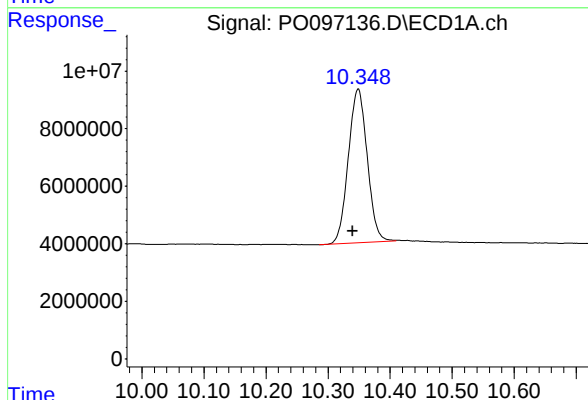
R.T.: 4.409 min
Delta R.T.: 0.002 min
Response: 166112371
Conc: 50.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



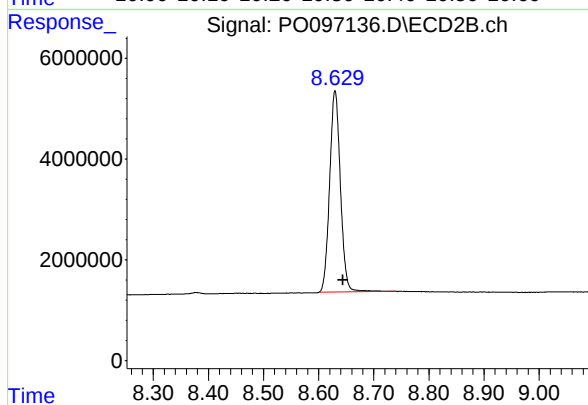
#1 Tetrachloro-m-xylene

R.T.: 3.615 min
Delta R.T.: -0.006 min
Response: 66631018
Conc: 50.33 ng/ml



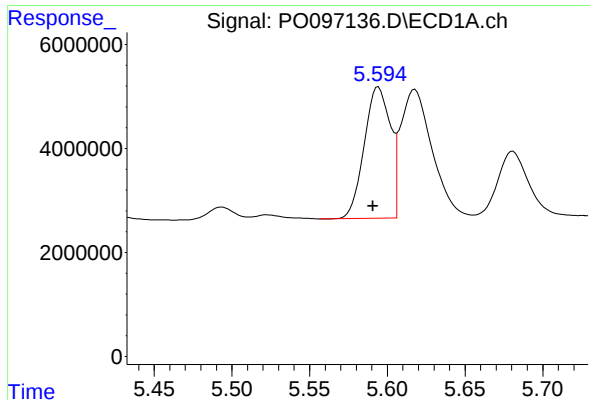
#2 Decachlorobiphenyl

R.T.: 10.349 min
Delta R.T.: 0.009 min
Response: 113310487
Conc: 51.78 ng/ml



#2 Decachlorobiphenyl

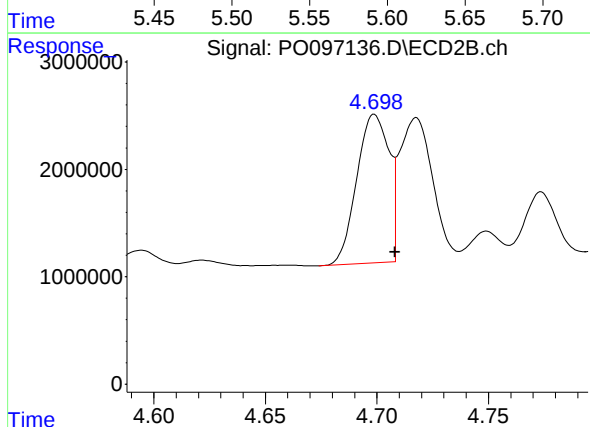
R.T.: 8.630 min
Delta R.T.: -0.014 min
Response: 54194838
Conc: 46.84 ng/ml



#3 AR-1016-1

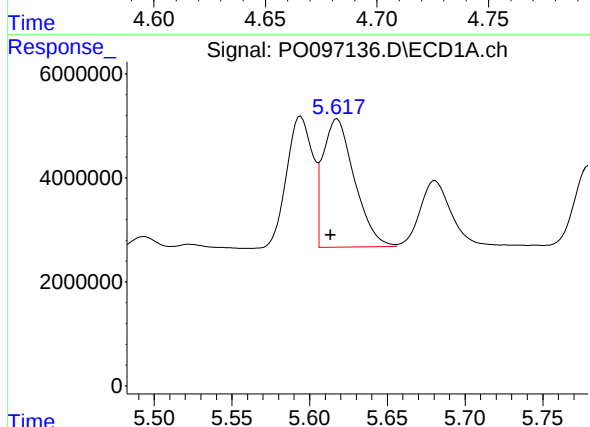
R.T.: 5.594 min
Delta R.T.: 0.004 min
Response: 29503773
Conc: 313.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



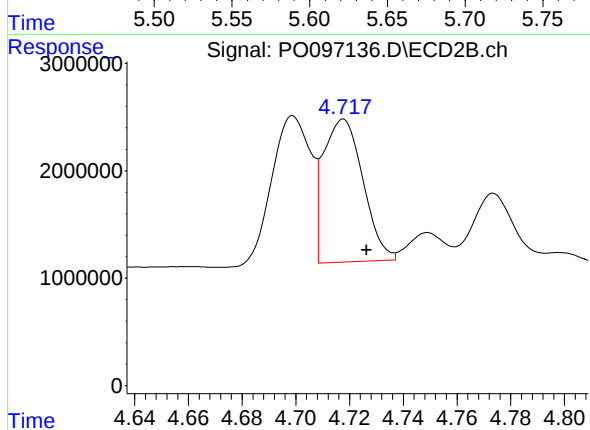
#3 AR-1016-1

R.T.: 4.699 min
Delta R.T.: -0.009 min
Response: 13911123
Conc: 313.77 ng/ml



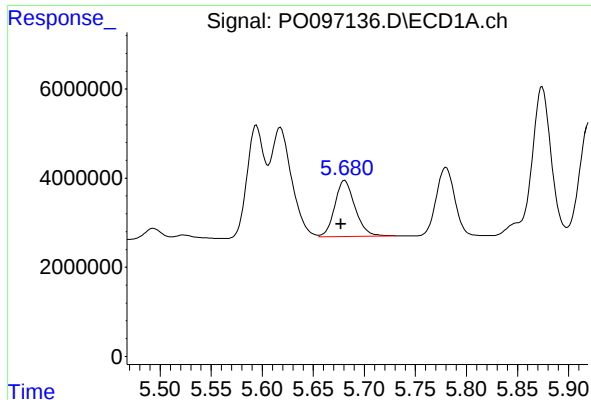
#4 AR-1016-2

R.T.: 5.618 min
Delta R.T.: 0.004 min
Response: 34890645
Conc: 260.82 ng/ml



#4 AR-1016-2

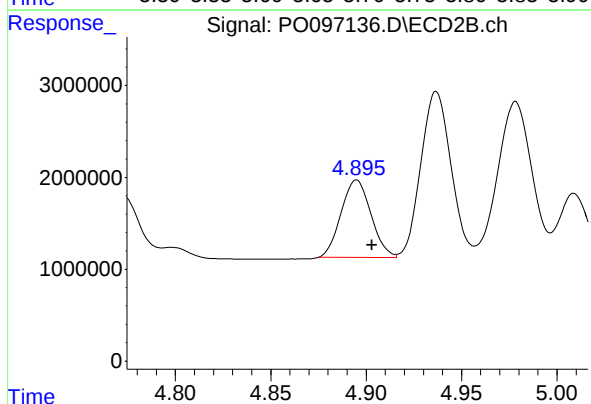
R.T.: 4.718 min
Delta R.T.: -0.009 min
Response: 13652468
Conc: 223.19 ng/ml



#5 AR-1016-3

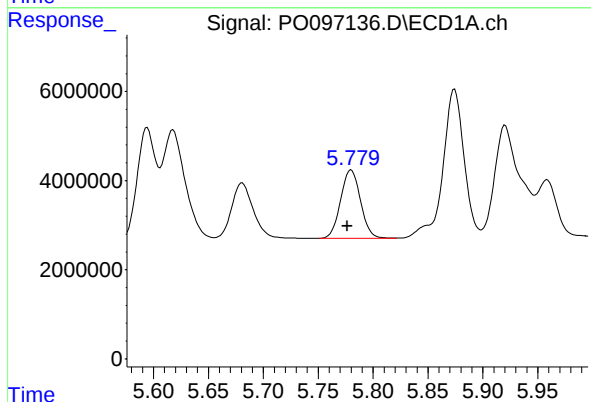
R.T.: 5.681 min
Delta R.T.: 0.004 min
Response: 17405671
Conc: 200.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



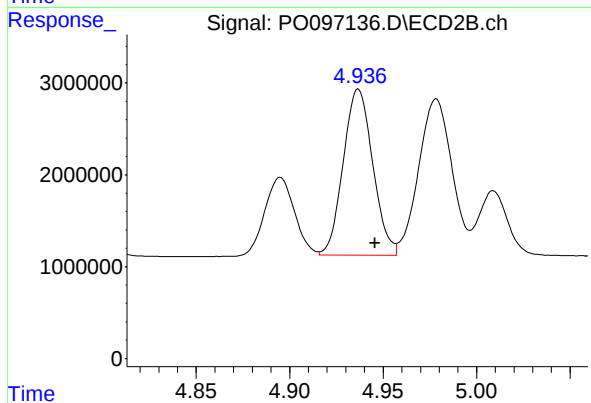
#5 AR-1016-3

R.T.: 4.895 min
Delta R.T.: -0.008 min
Response: 9210196
Conc: 281.93 ng/ml



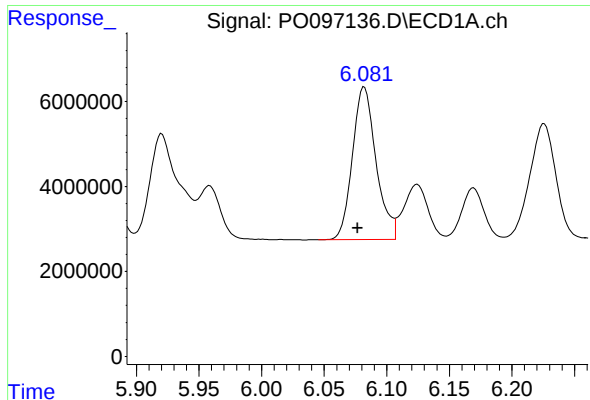
#6 AR-1016-4

R.T.: 5.780 min
Delta R.T.: 0.004 min
Response: 19313222
Conc: 287.53 ng/ml



#6 AR-1016-4

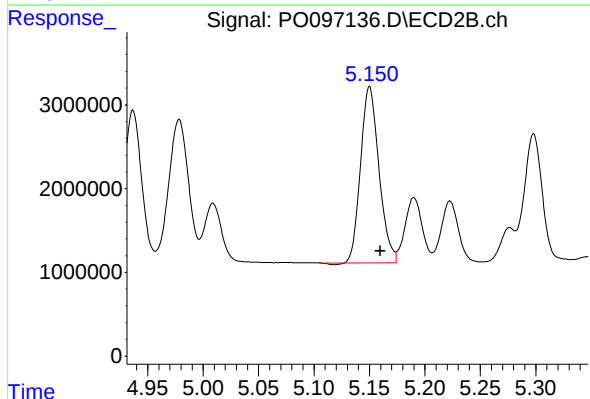
R.T.: 4.937 min
Delta R.T.: -0.009 min
Response: 19862201
Conc: 694.81 ng/ml



#7 AR-1016-5

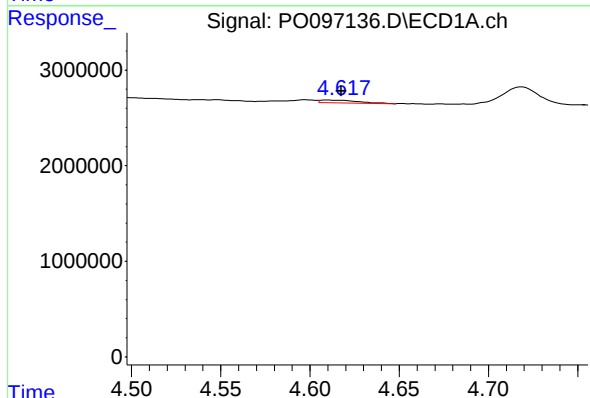
R.T.: 6.082 min
Delta R.T.: 0.005 min
Response: 47160480
Conc: 675.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



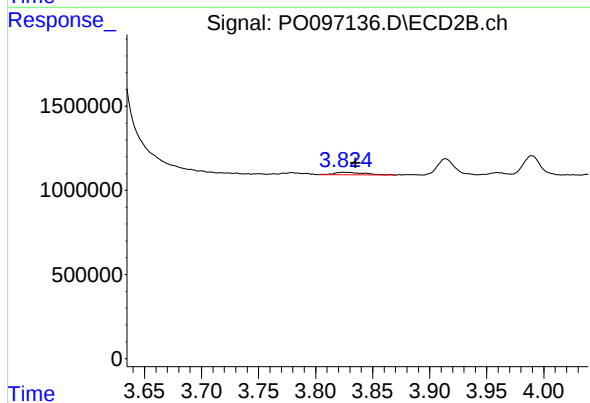
#7 AR-1016-5

R.T.: 5.150 min
Delta R.T.: -0.010 min
Response: 24240260
Conc: 630.49 ng/ml



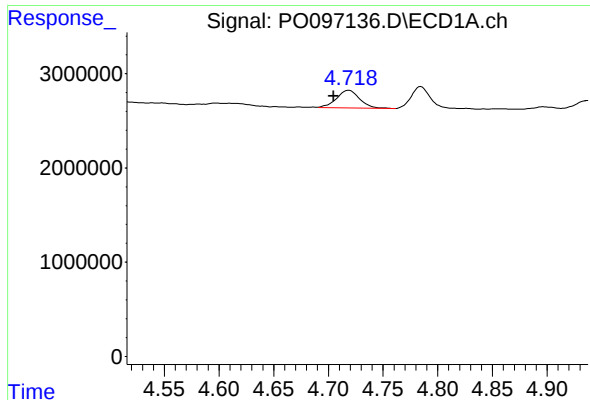
#8 AR-1221-1

R.T.: 4.610 min
Delta R.T.: -0.008 min
Response: 404333
Conc: 9.92 ng/ml



#8 AR-1221-1

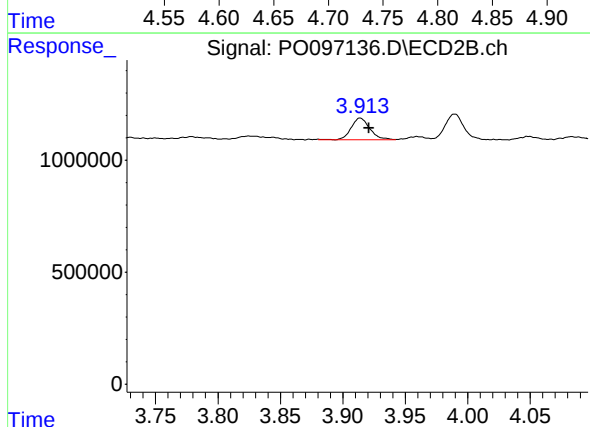
R.T.: 3.826 min
Delta R.T.: -0.009 min
Response: 275088
Conc: 15.85 ng/ml



#9 AR-1221-2

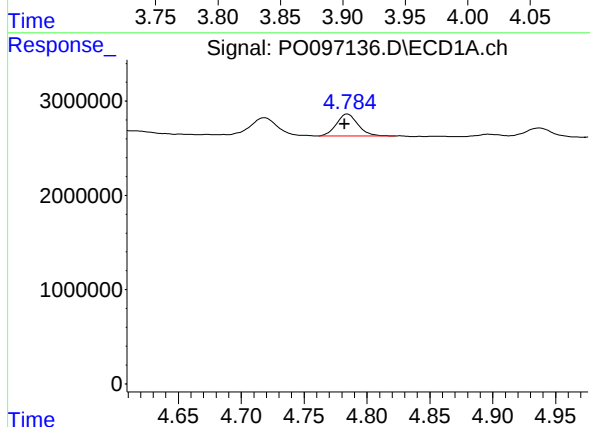
R.T.: 4.719 min
Delta R.T.: 0.014 min
Response: 2736561
Conc: 90.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



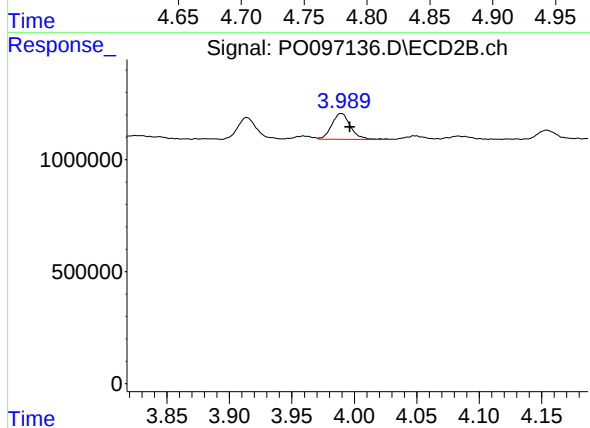
#9 AR-1221-2

R.T.: 3.914 min
Delta R.T.: -0.007 min
Response: 992838
Conc: 76.84 ng/ml



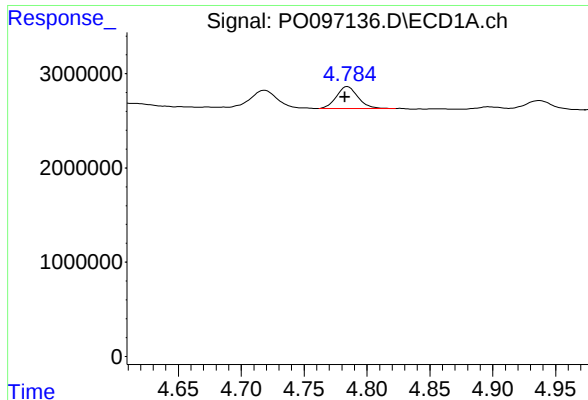
#10 AR-1221-3

R.T.: 4.785 min
Delta R.T.: 0.002 min
Response: 2775904
Conc: 31.71 ng/ml



#10 AR-1221-3

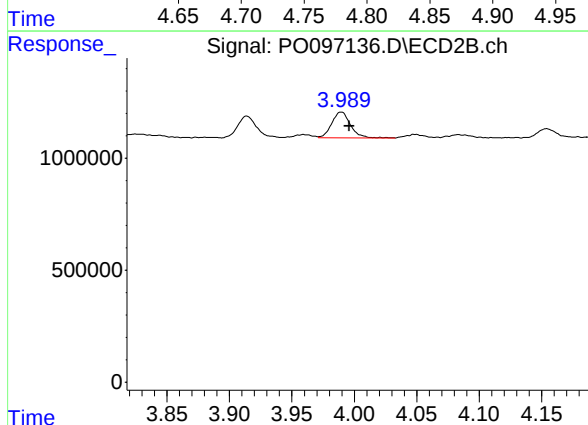
R.T.: 3.990 min
Delta R.T.: -0.007 min
Response: 1204107
Conc: 30.33 ng/ml



#11 AR-1232-1

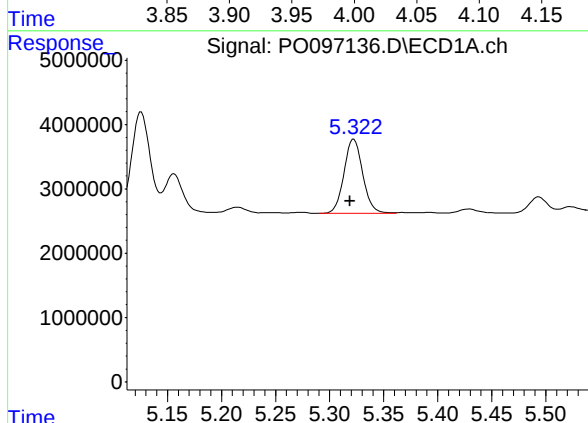
R.T.: 4.785 min
Delta R.T.: 0.002 min
Response: 2775904
Conc: 38.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



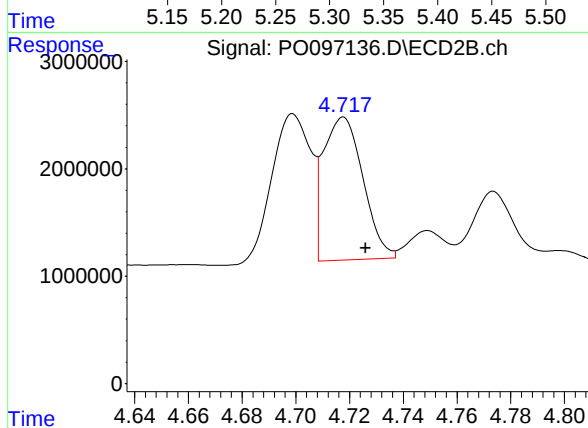
#11 AR-1232-1

R.T.: 3.990 min
Delta R.T.: -0.007 min
Response: 1204107
Conc: 37.22 ng/ml



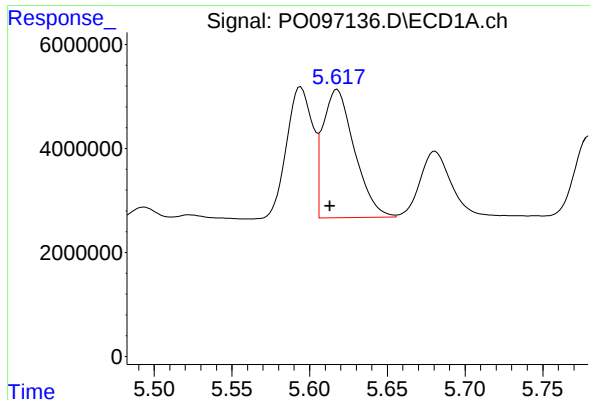
#12 AR-1232-2

R.T.: 5.322 min
Delta R.T.: 0.003 min
Response: 13915230
Conc: 350.99 ng/ml



#12 AR-1232-2

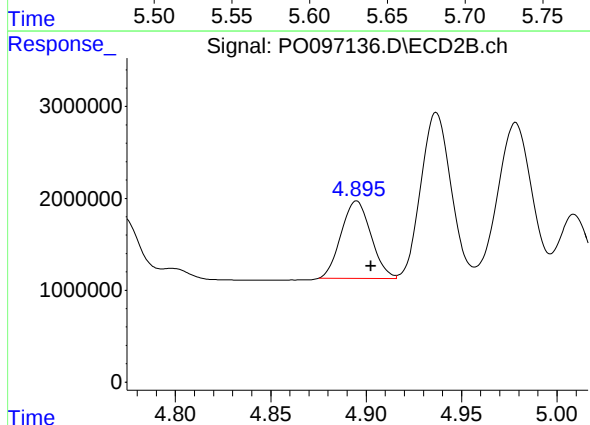
R.T.: 4.718 min
Delta R.T.: -0.008 min
Response: 13652468
Conc: 473.18 ng/ml



#13 AR-1232-3

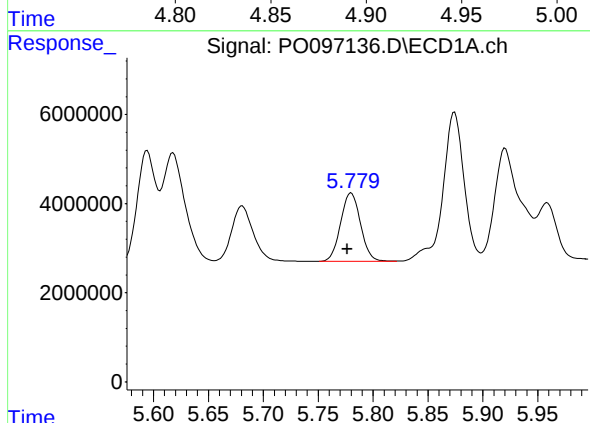
R.T.: 5.618 min
Delta R.T.: 0.005 min
Response: 34890645
Conc: 570.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



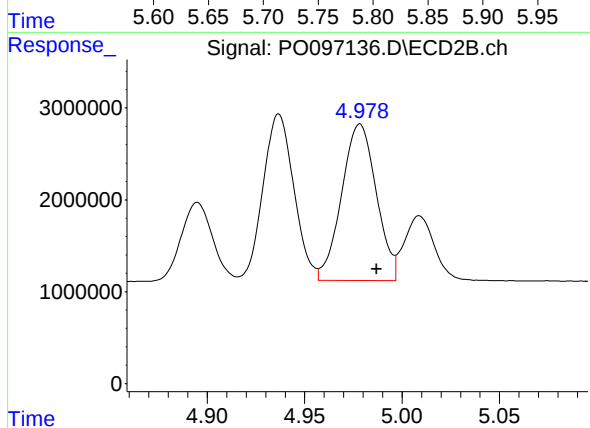
#13 AR-1232-3

R.T.: 4.895 min
Delta R.T.: -0.007 min
Response: 9210196
Conc: 607.46 ng/ml



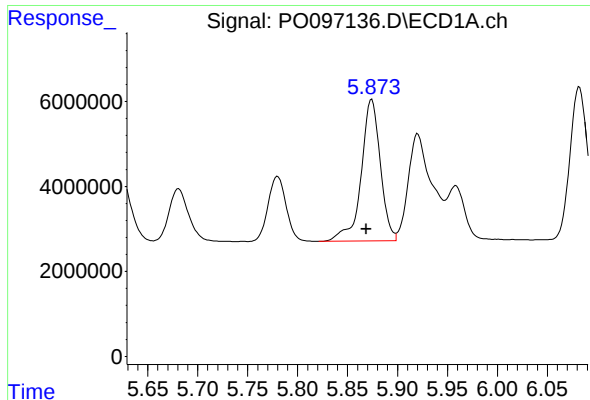
#14 AR-1232-4

R.T.: 5.780 min
Delta R.T.: 0.004 min
Response: 19313222
Conc: 632.93 ng/ml



#14 AR-1232-4

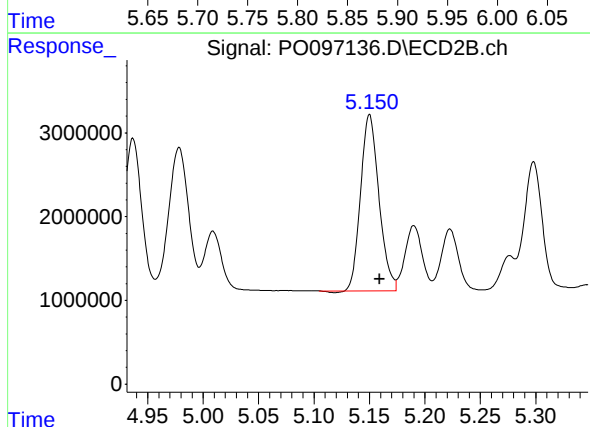
R.T.: 4.978 min
Delta R.T.: -0.009 min
Response: 21064944
Conc: 1409.53 ng/ml



#15 AR-1232-5

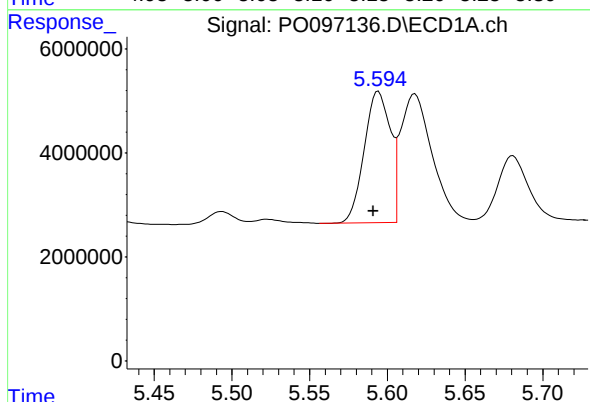
R.T.: 5.874 min
Delta R.T.: 0.005 min
Response: 44361120
Conc: 1585.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



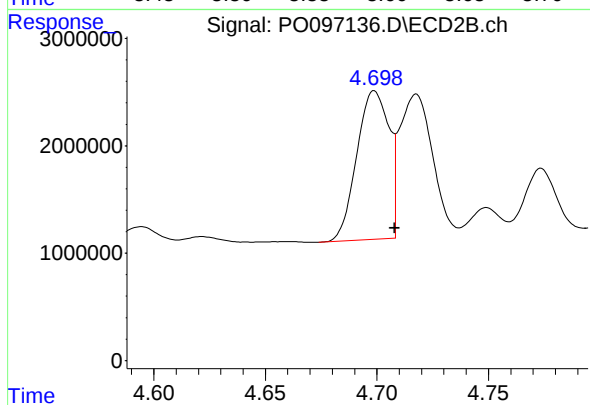
#15 AR-1232-5

R.T.: 5.150 min
Delta R.T.: -0.009 min
Response: 24240260
Conc: 1482.88 ng/ml



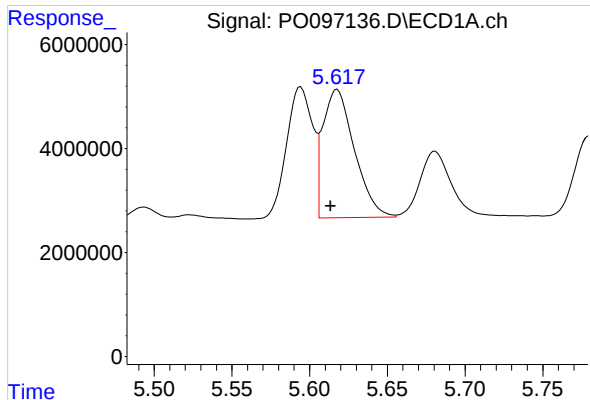
#16 AR-1242-1

R.T.: 5.594 min
Delta R.T.: 0.003 min
Response: 29503773
Conc: 352.00 ng/ml



#16 AR-1242-1

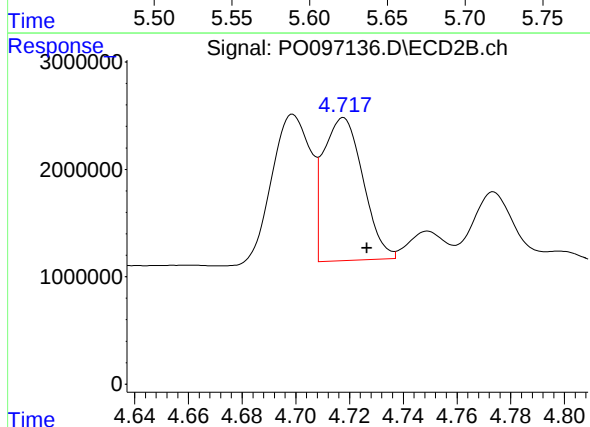
R.T.: 4.699 min
Delta R.T.: -0.009 min
Response: 13911123
Conc: 352.85 ng/ml



#17 AR-1242-2

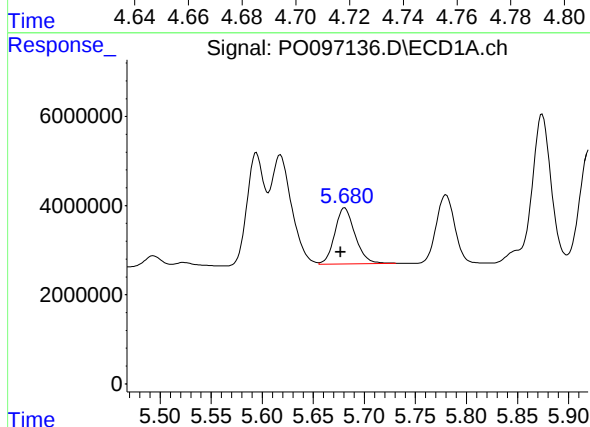
R.T.: 5.618 min
Delta R.T.: 0.004 min
Response: 34890645
Conc: 296.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



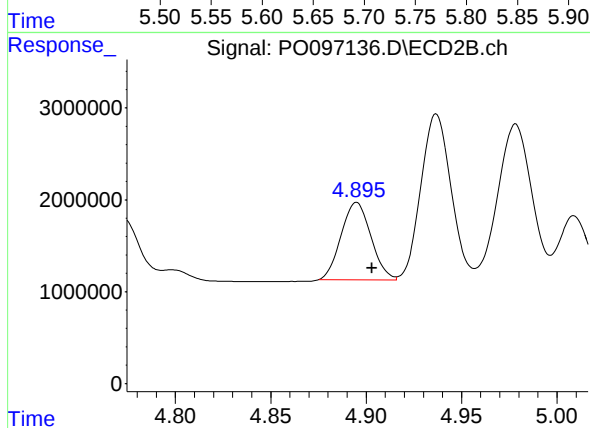
#17 AR-1242-2

R.T.: 4.718 min
Delta R.T.: -0.009 min
Response: 13652468
Conc: 250.55 ng/ml



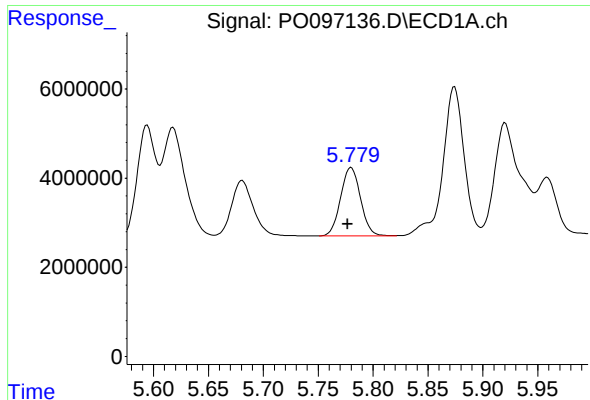
#18 AR-1242-3

R.T.: 5.681 min
Delta R.T.: 0.004 min
Response: 17405671
Conc: 235.62 ng/ml



#18 AR-1242-3

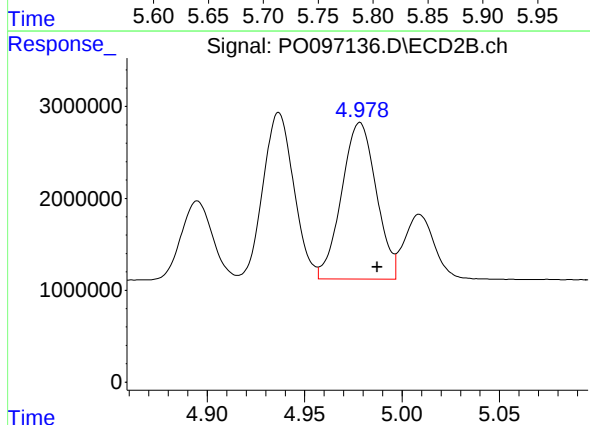
R.T.: 4.895 min
Delta R.T.: -0.008 min
Response: 9210196
Conc: 311.49 ng/ml



#19 AR-1242-4

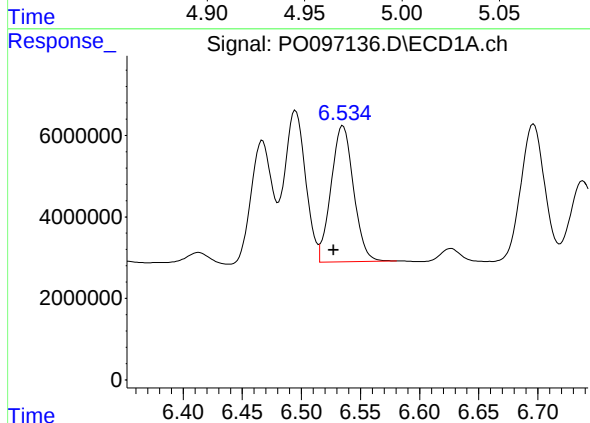
R.T.: 5.780 min
Delta R.T.: 0.003 min
Response: 19313222
Conc: 324.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



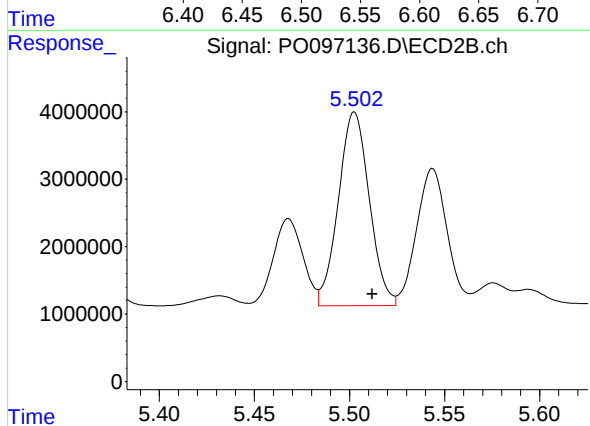
#19 AR-1242-4

R.T.: 4.978 min
Delta R.T.: -0.009 min
Response: 21064944
Conc: 668.43 ng/ml



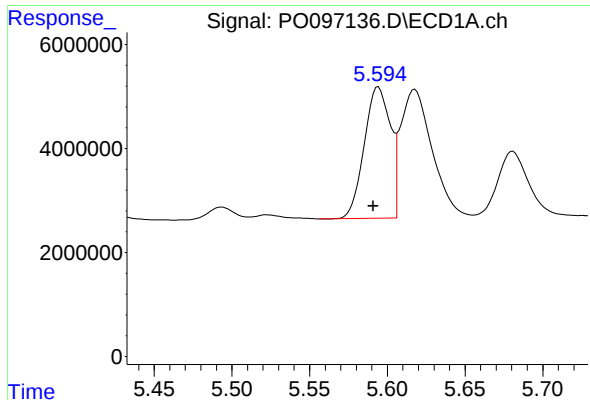
#20 AR-1242-5

R.T.: 6.535 min
Delta R.T.: 0.008 min
Response: 44221820
Conc: 803.74 ng/ml



#20 AR-1242-5

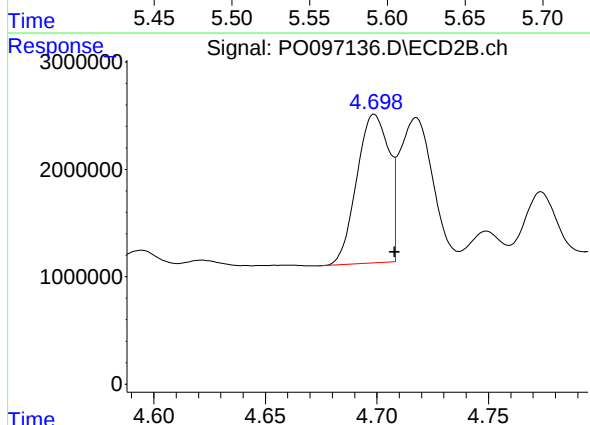
R.T.: 5.503 min
Delta R.T.: -0.009 min
Response: 32513699
Conc: 892.35 ng/ml



#21 AR-1248-1

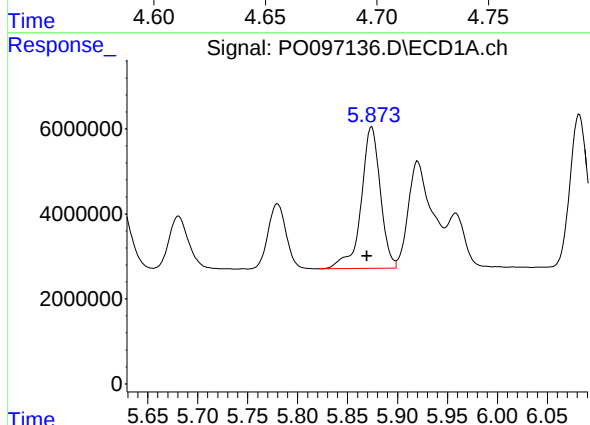
R.T.: 5.594 min
Delta R.T.: 0.003 min
Response: 29503773
Conc: 503.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



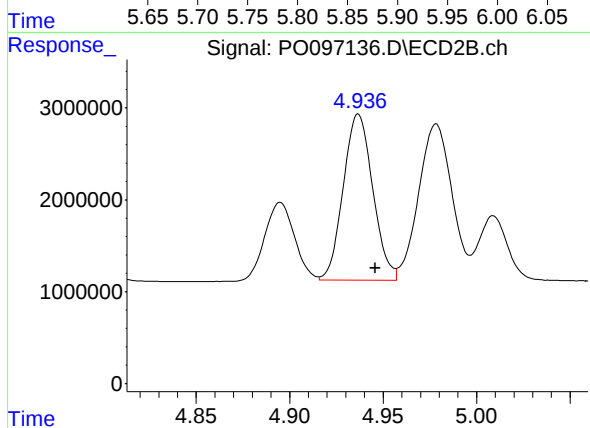
#21 AR-1248-1

R.T.: 4.699 min
Delta R.T.: -0.009 min
Response: 13911123
Conc: 495.72 ng/ml



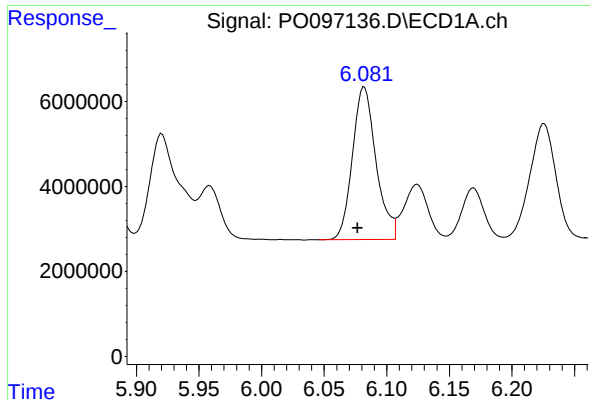
#22 AR-1248-2

R.T.: 5.874 min
Delta R.T.: 0.005 min
Response: 44361120
Conc: 471.84 ng/ml



#22 AR-1248-2

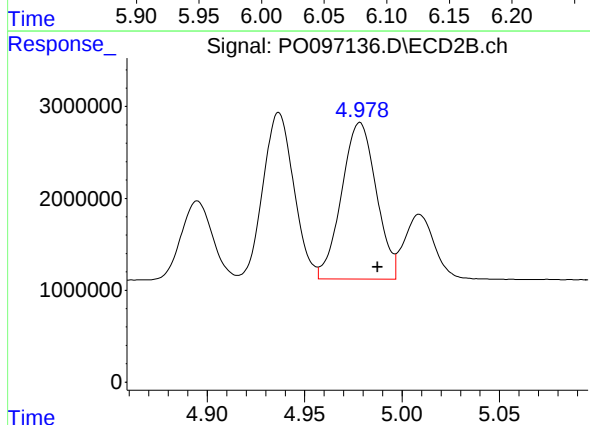
R.T.: 4.937 min
Delta R.T.: -0.009 min
Response: 19862201
Conc: 468.66 ng/ml



#23 AR-1248-3

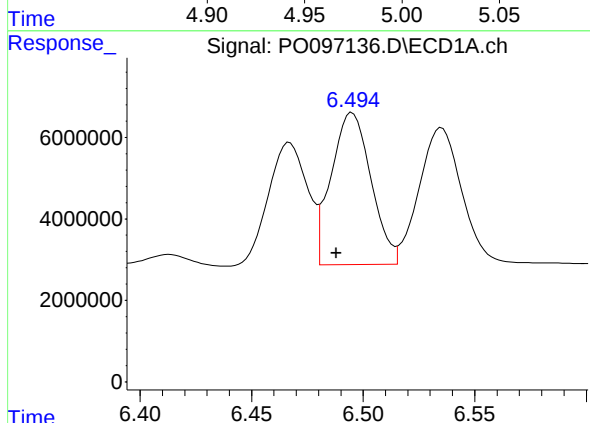
R.T.: 6.082 min
Delta R.T.: 0.005 min
Response: 47160480
Conc: 482.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



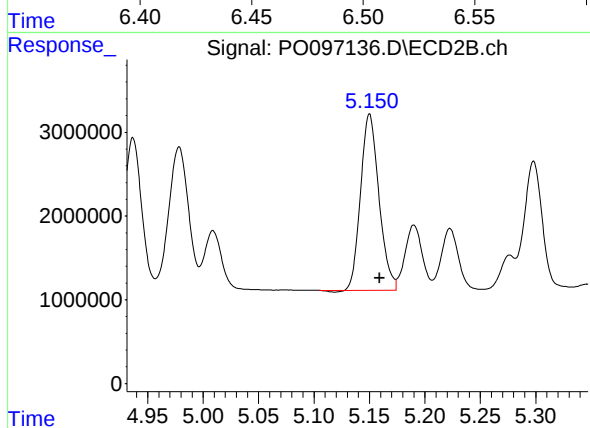
#23 AR-1248-3

R.T.: 4.978 min
Delta R.T.: -0.009 min
Response: 21064944
Conc: 480.22 ng/ml



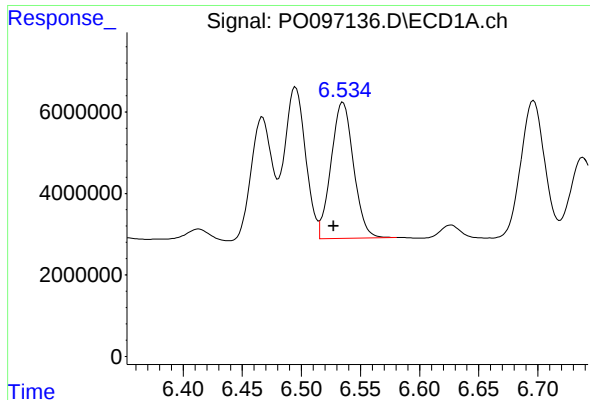
#24 AR-1248-4

R.T.: 6.495 min
Delta R.T.: 0.007 min
Response: 46456595
Conc: 511.39 ng/ml



#24 AR-1248-4

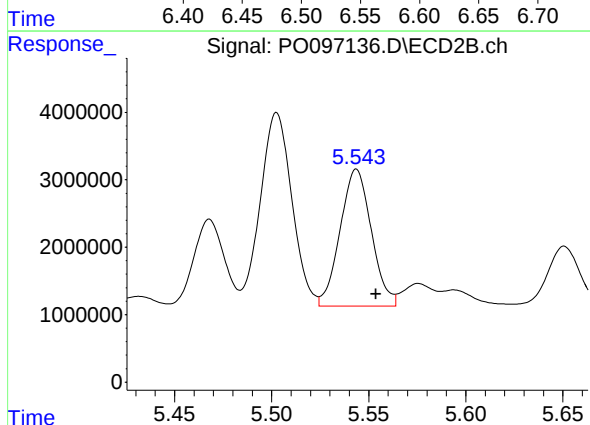
R.T.: 5.150 min
Delta R.T.: -0.009 min
Response: 24240260
Conc: 474.83 ng/ml



#25 AR-1248-5

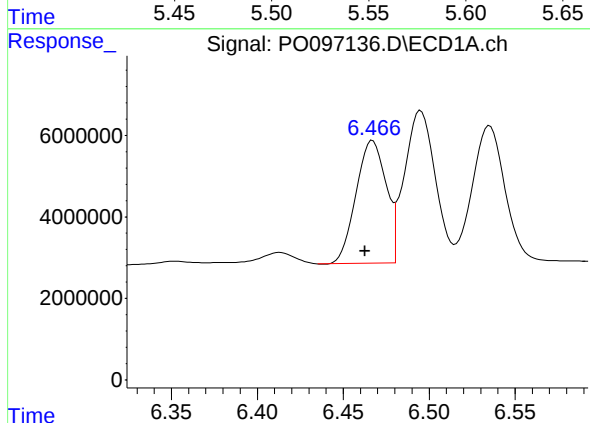
R.T.: 6.535 min
Delta R.T.: 0.008 min
Response: 44221820
Conc: 502.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



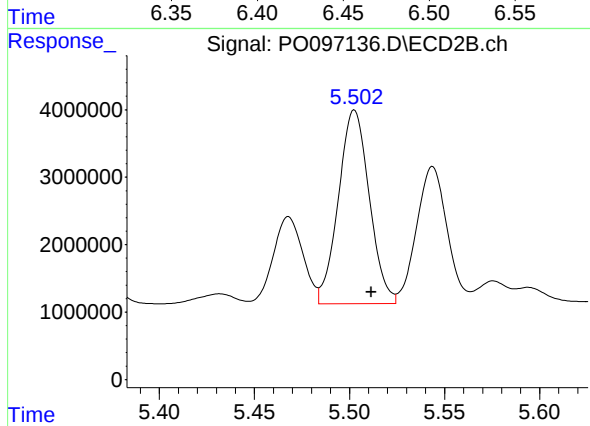
#25 AR-1248-5

R.T.: 5.544 min
Delta R.T.: -0.010 min
Response: 22800741
Conc: 487.70 ng/ml



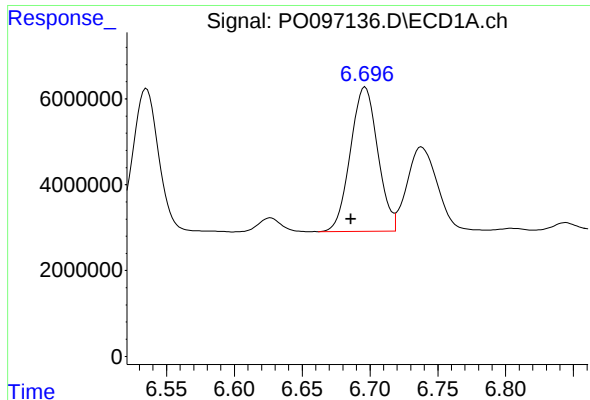
#26 AR-1254-1

R.T.: 6.467 min
Delta R.T.: 0.005 min
Response: 36681269
Conc: 335.63 ng/ml



#26 AR-1254-1

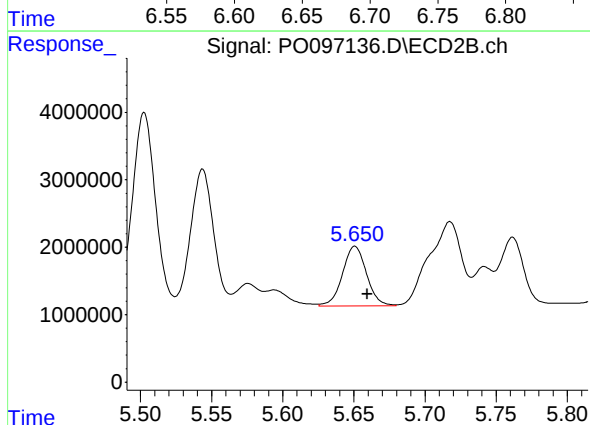
R.T.: 5.503 min
Delta R.T.: -0.009 min
Response: 32513699
Conc: 440.59 ng/ml



#27 AR-1254-2

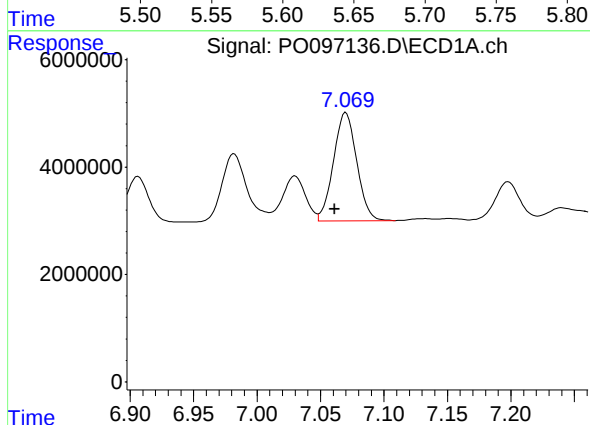
R.T.: 6.696 min
Delta R.T.: 0.010 min
Response: 47118806
Conc: 292.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



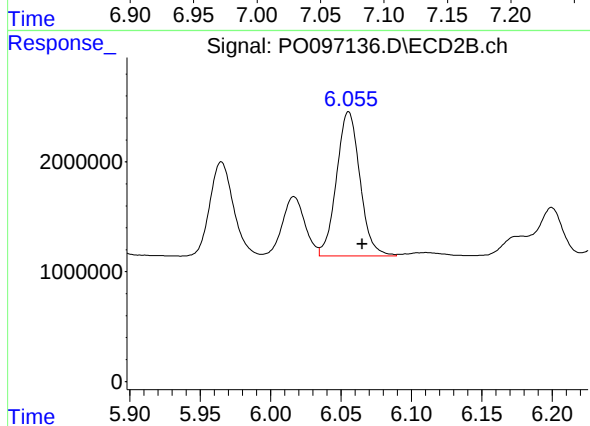
#27 AR-1254-2

R.T.: 5.651 min
Delta R.T.: -0.009 min
Response: 10407341
Conc: 157.97 ng/ml



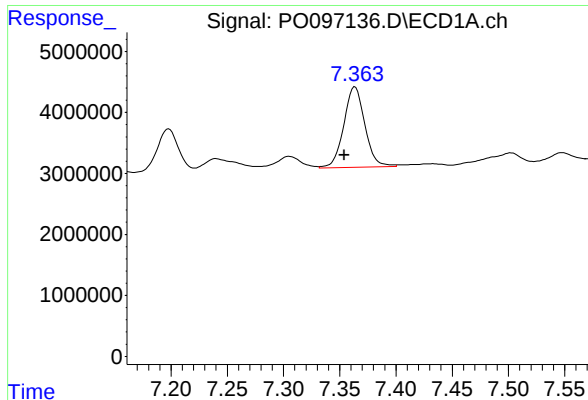
#28 AR-1254-3

R.T.: 7.070 min
Delta R.T.: 0.009 min
Response: 25698148
Conc: 164.00 ng/ml



#28 AR-1254-3

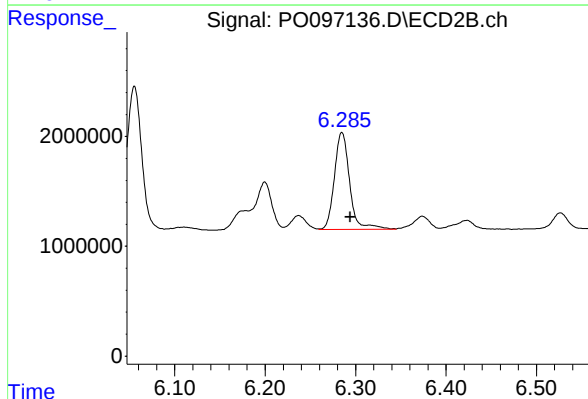
R.T.: 6.055 min
Delta R.T.: -0.010 min
Response: 15206836
Conc: 150.47 ng/ml



#29 AR-1254-4

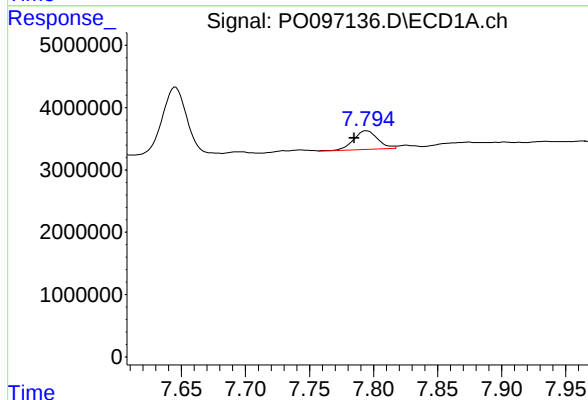
R.T.: 7.364 min
Delta R.T.: 0.009 min
Response: 17222599
Conc: 170.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



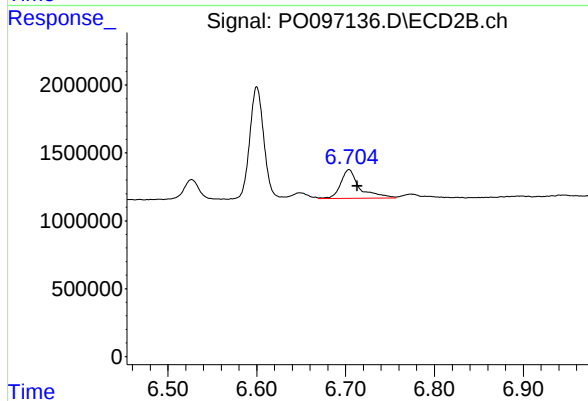
#29 AR-1254-4

R.T.: 6.285 min
Delta R.T.: -0.009 min
Response: 10397127
Conc: 179.65 ng/ml



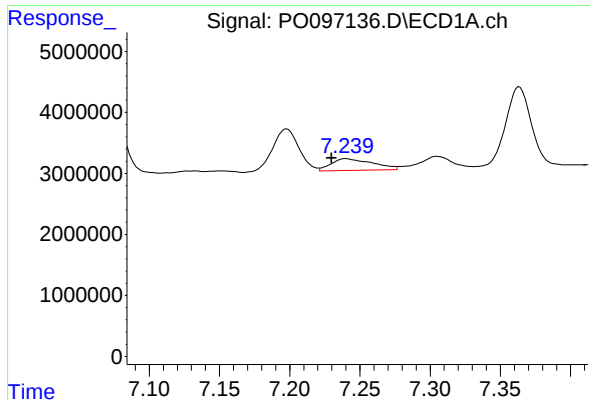
#30 AR-1254-5

R.T.: 7.794 min
Delta R.T.: 0.010 min
Response: 3876922
Conc: 34.55 ng/ml



#30 AR-1254-5

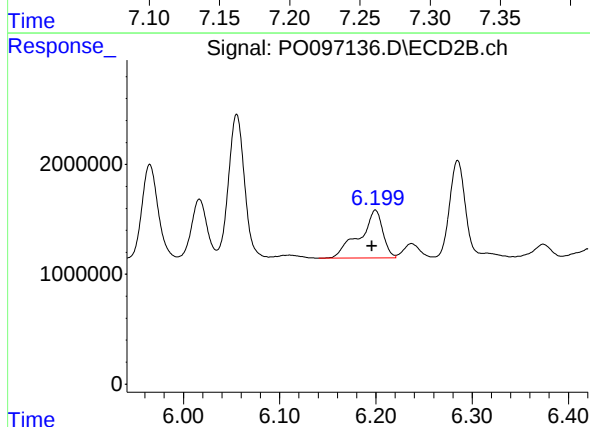
R.T.: 6.704 min
Delta R.T.: -0.009 min
Response: 3158911
Conc: 35.93 ng/ml



#31 AR-1260-1

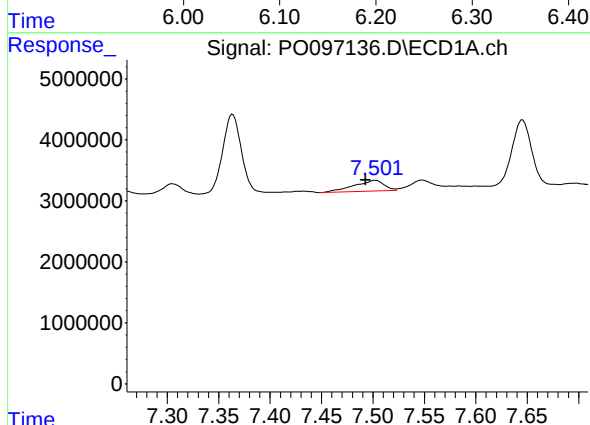
R.T.: 7.240 min
Delta R.T.: 0.010 min
Response: 3979209
Conc: 31.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



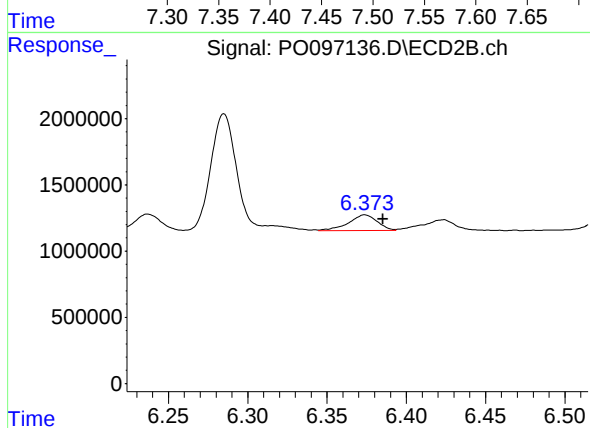
#31 AR-1260-1

R.T.: 6.200 min
Delta R.T.: 0.004 min
Response: 7321250
Conc: 104.04 ng/ml



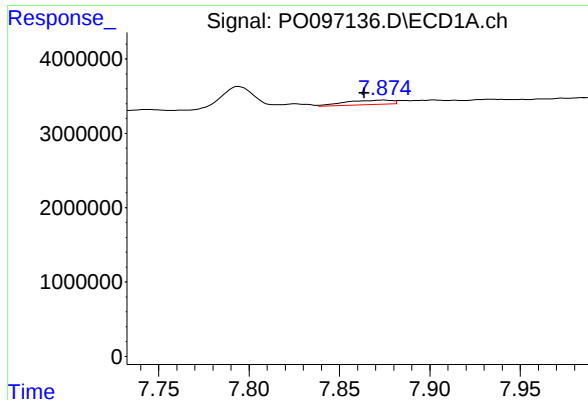
#32 AR-1260-2

R.T.: 7.502 min
Delta R.T.: 0.009 min
Response: 3552679
Conc: 26.37 ng/ml



#32 AR-1260-2

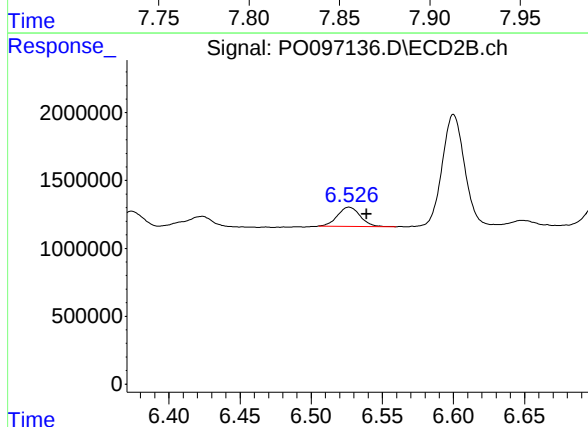
R.T.: 6.374 min
Delta R.T.: -0.011 min
Response: 1486758
Conc: 17.81 ng/ml



#33 AR-1260-3

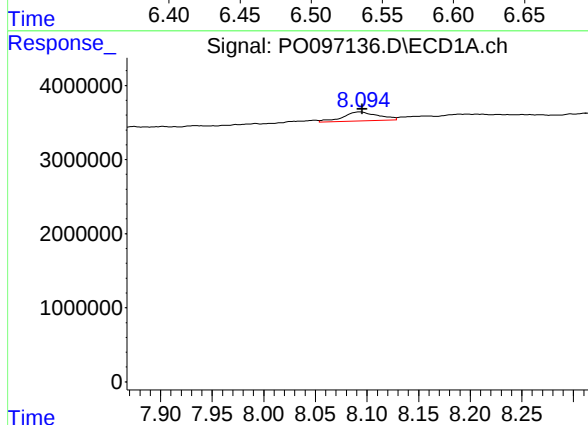
R.T.: 7.874 min
Delta R.T.: 0.011 min
Response: 1041376
Conc: 10.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



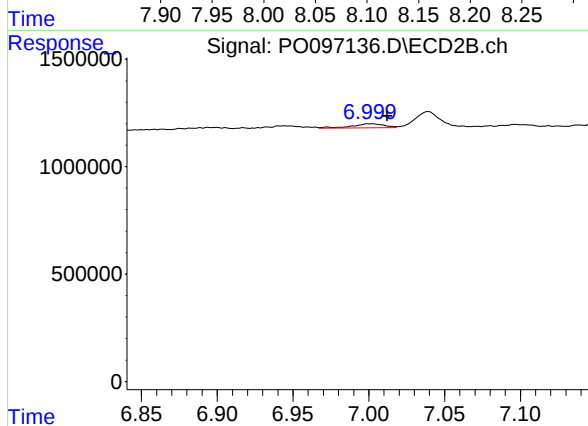
#33 AR-1260-3

R.T.: 6.527 min
Delta R.T.: -0.012 min
Response: 1574040
Conc: 20.38 ng/ml



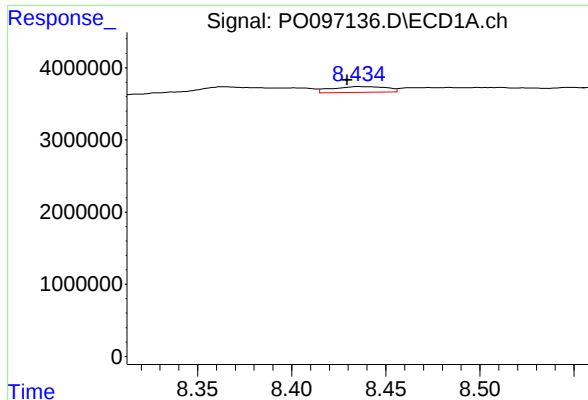
#34 AR-1260-4

R.T.: 8.093 min
Delta R.T.: -0.002 min
Response: 2814487
Conc: 25.17 ng/ml



#34 AR-1260-4

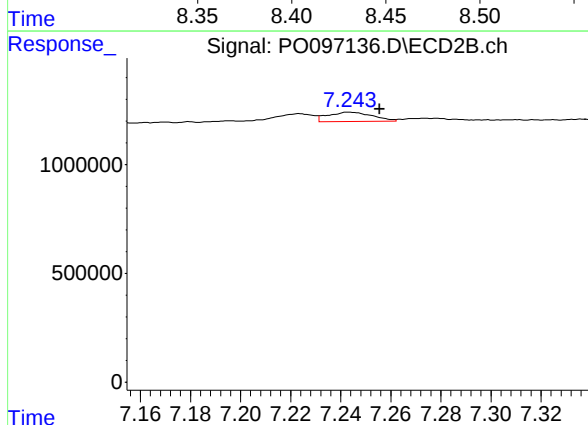
R.T.: 7.001 min
Delta R.T.: -0.012 min
Response: 285112
Conc: 4.45 ng/ml



#35 AR-1260-5

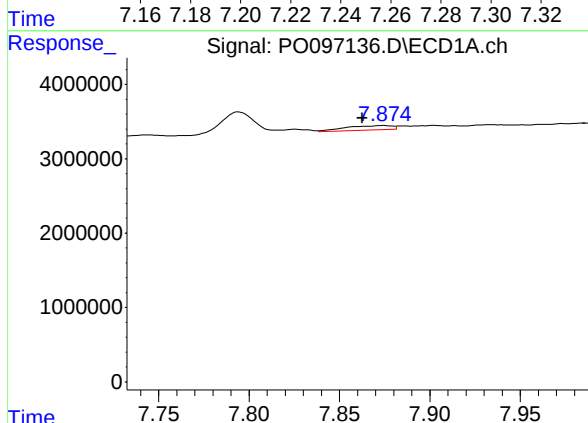
R.T.: 8.435 min
Delta R.T.: 0.006 min
Response: 1619743
Conc: 7.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



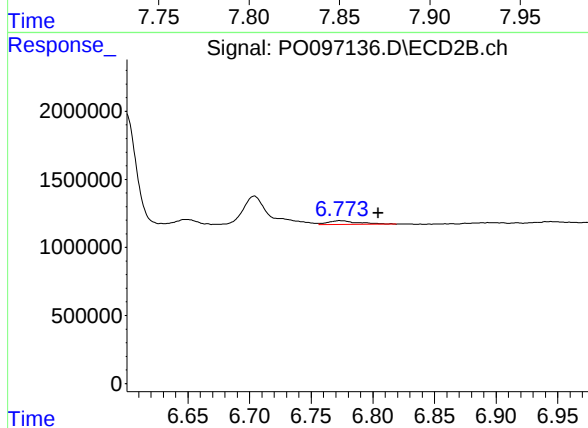
#35 AR-1260-5

R.T.: 7.243 min
Delta R.T.: -0.012 min
Response: 518760
Conc: 3.74 ng/ml



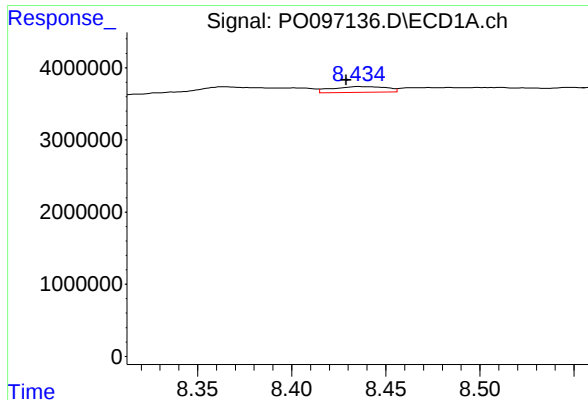
#36 AR-1262-1

R.T.: 7.874 min
Delta R.T.: 0.012 min
Response: 1041376
Conc: 7.01 ng/ml



#36 AR-1262-1

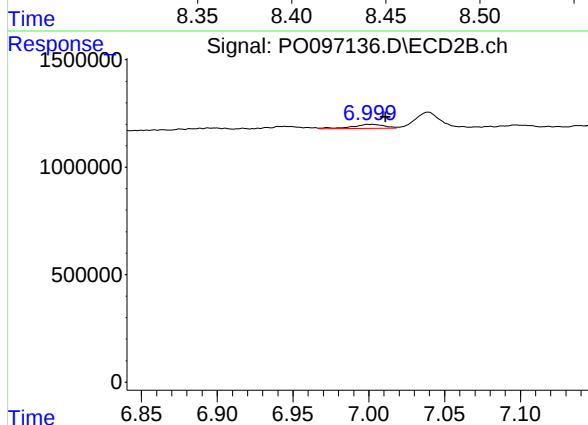
R.T.: 6.773 min
Delta R.T.: -0.031 min
Response: 460769
Conc: 11.70 ng/ml



#37 AR-1262-2

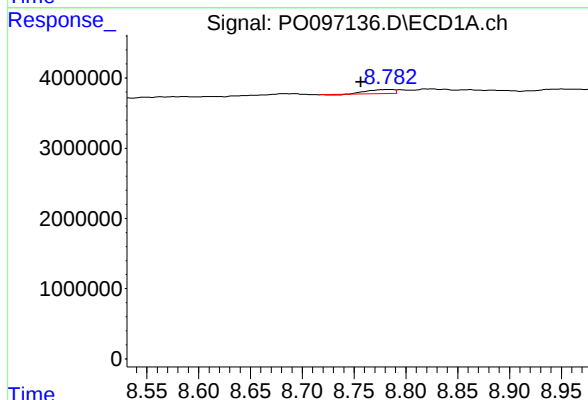
R.T.: 8.435 min
Delta R.T.: 0.007 min
Response: 1619743
Conc: 7.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



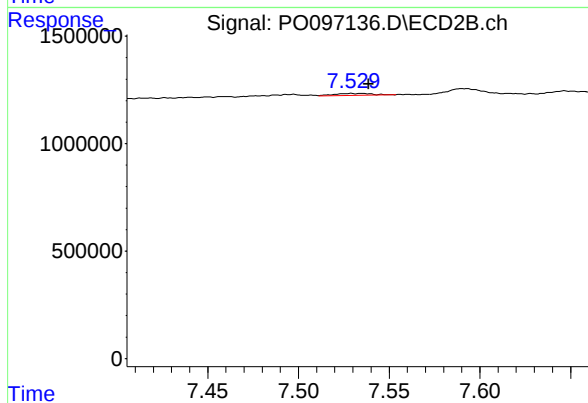
#37 AR-1262-2

R.T.: 7.001 min
Delta R.T.: -0.011 min
Response: 285112
Conc: 3.52 ng/ml



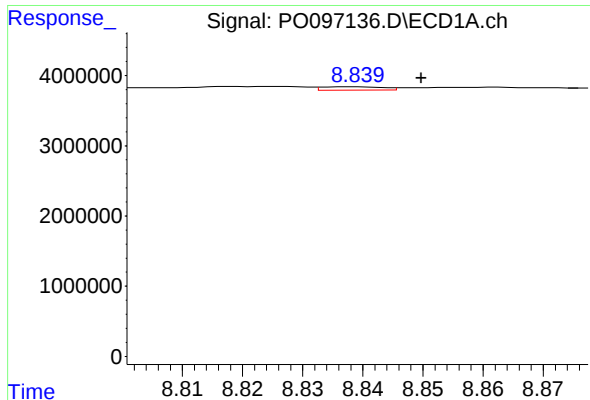
#38 AR-1262-3

R.T.: 8.783 min
Delta R.T.: 0.027 min
Response: 1022830
Conc: 6.13 ng/ml



#38 AR-1262-3

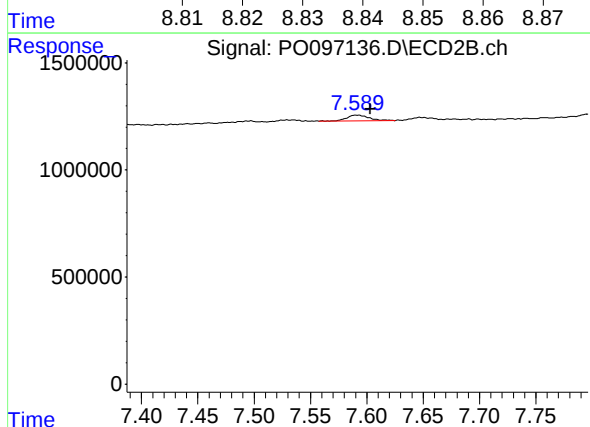
R.T.: 7.529 min
Delta R.T.: -0.009 min
Response: 129880
Conc: 2.02 ng/ml



#39 AR-1262-4

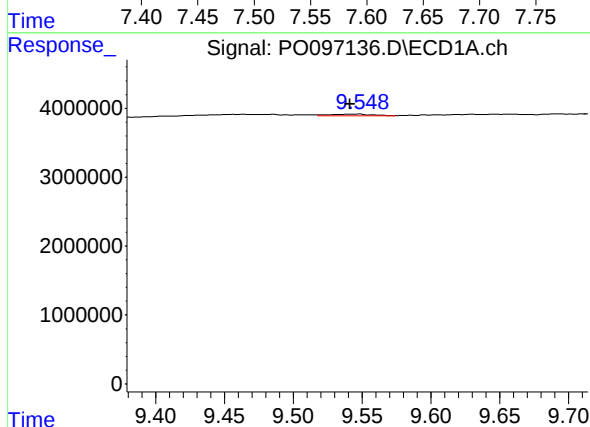
R.T.: 8.838 min
Delta R.T.: -0.012 min
Response: 337810
Conc: 4.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



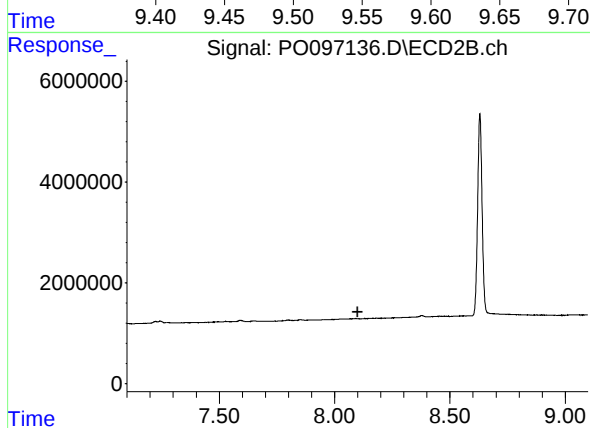
#39 AR-1262-4

R.T.: 7.591 min
Delta R.T.: -0.012 min
Response: 374564
Conc: 3.30 ng/ml



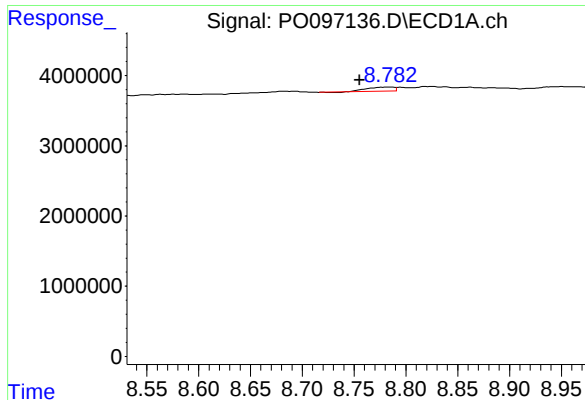
#40 AR-1262-5

R.T.: 9.549 min
Delta R.T.: 0.007 min
Response: 448913
Conc: 5.39 ng/ml



#40 AR-1262-5

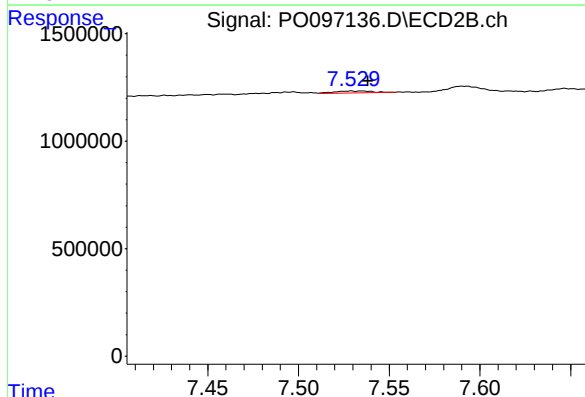
R.T.: 0.000 min
Exp R.T. : 8.099 min
Response: 0
Conc: N.D.



#41 AR-1268-1

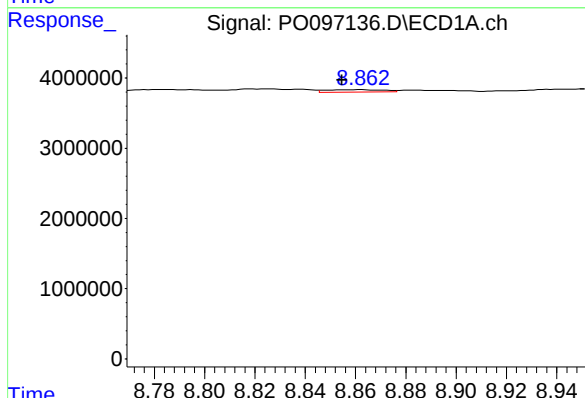
R.T.: 8.783 min
Delta R.T.: 0.028 min
Response: 1022830
Conc: 3.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



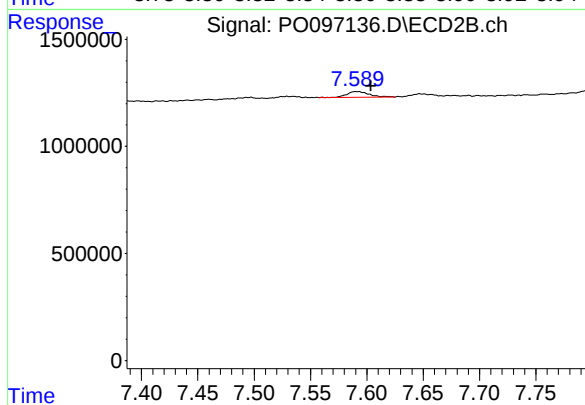
#41 AR-1268-1

R.T.: 7.529 min
Delta R.T.: -0.009 min
Response: 129880
Conc: 0.70 ng/ml



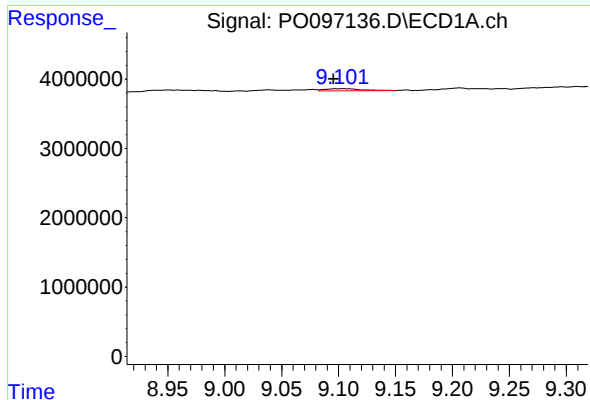
#42 AR-1268-2

R.T.: 8.862 min
Delta R.T.: 0.007 min
Response: 567479
Conc: 2.07 ng/ml



#42 AR-1268-2

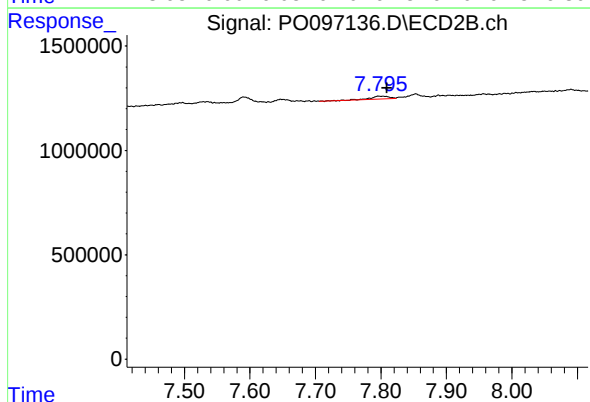
R.T.: 7.591 min
Delta R.T.: -0.013 min
Response: 374564
Conc: 2.23 ng/ml



#43 AR-1268-3

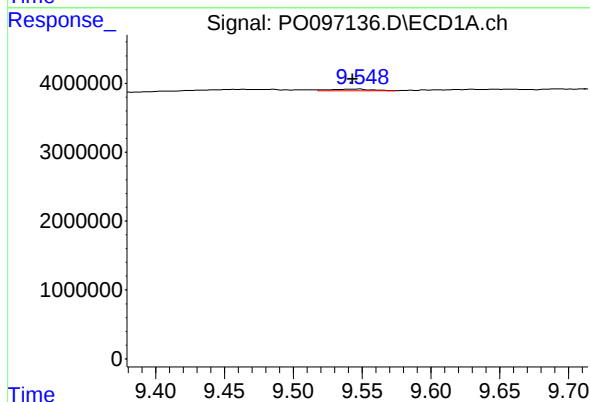
R.T.: 9.103 min
Delta R.T.: 0.008 min
Response: 685988
Conc: 2.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



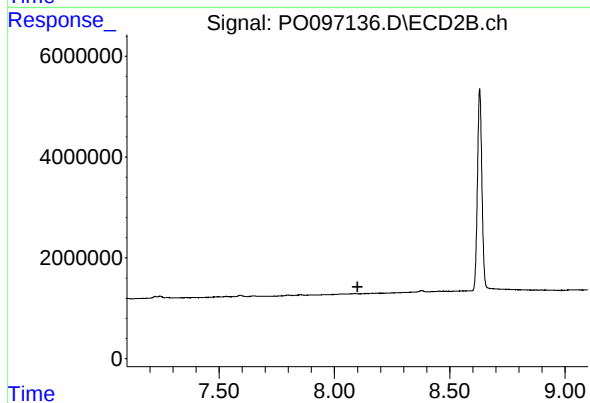
#43 AR-1268-3

R.T.: 7.803 min
Delta R.T.: -0.006 min
Response: 237259
Conc: 1.64 ng/ml



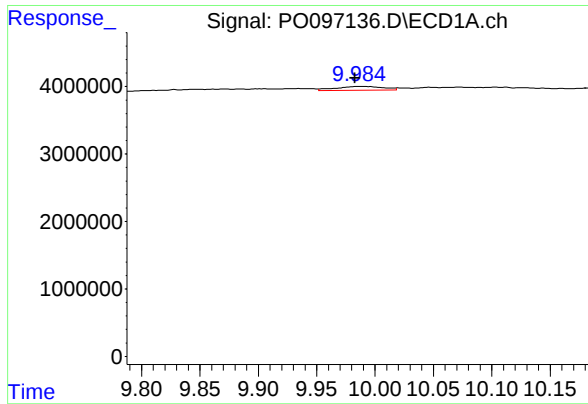
#44 AR-1268-4

R.T.: 9.549 min
Delta R.T.: 0.006 min
Response: 448913
Conc: 4.84 ng/ml



#44 AR-1268-4

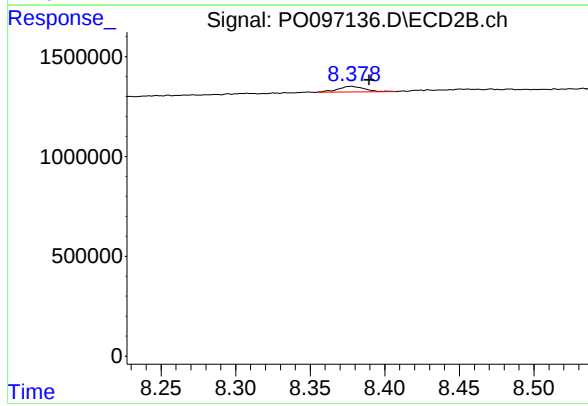
R.T.: 0.000 min
Exp R.T. : 8.100 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.985 min
Delta R.T.: 0.002 min
Response: 1611009
Conc: 1.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.378 min
Delta R.T.: -0.012 min
Response: 334280
Conc: 0.80 ng/ml