

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121820\
 Data File : PR048981.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Dec 2020 11:07
 Operator : DD\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1660394

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 01:31:47 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR113020CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 01 06:11:17 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	4.690	3.846	44939352	85994860	17.005	20.217
2)	SA Decachlor...	10.598	8.927	88797516	345.5E6	33.839	40.306
Target Compounds							
3)	L1 AR-1016-1	5.867	4.931	36303458	33808971	369.214	468.390 #
4)	L1 AR-1016-2	5.890	4.950	50402019	73145007	355.543	476.701 #
5)	L1 AR-1016-3	5.953	5.127	31200221	38758771	358.968	452.946 #
6)	L1 AR-1016-4	6.053	5.167	26351933	17273785	369.629	464.725 #
7)	L1 AR-1016-5	6.347	5.383	25982486	25519798	369.605	453.377
8)	L2 AR-1221-1	4.894	4.055	3190225	4556557	101.680	112.284
9)	L2 AR-1221-2	4.987	4.142	4195862	7827099	187.726	218.126
10)	L2 AR-1221-3	5.065	4.218	17470526	31095865	239.385	282.997
11)	L3 AR-1232-1	5.065	4.218	17470526	31095865	288.907	344.871
12)	L3 AR-1232-2	5.599	4.950	24488708	73145007	788.200	1019.020 #
13)	L3 AR-1232-3	5.890	5.127	50402019	38758771	783.615	987.656 #
14)	L3 AR-1232-4	6.053	5.210	26351933	22933478	824.939	1223.549 #
15)	L3 AR-1232-5	6.140	5.383	24012965	25519798	970.528	1116.518
16)	L4 AR-1242-1	5.867	4.931	36303458	33808971	441.654	544.381
17)	L4 AR-1242-2	5.890	4.950	50402019	73145007	438.453	551.212 #
18)	L4 AR-1242-3	5.953	5.127	31200221	38758771	438.756	530.547
19)	L4 AR-1242-4	6.053	5.210	26351933	22933478	451.974	540.439
20)	L4 AR-1242-5	6.793	5.735	4376760	16851026	66.289	259.344 #
21)	L5 AR-1248-1	5.867	4.931	36303458	33808971	600.930	716.972
22)	L5 AR-1248-2	6.140	5.167	24012965	17273785	282.934	329.707
23)	L5 AR-1248-3	6.347	5.210	25982486	22933478	281.896	375.745 #
24)	L5 AR-1248-4	6.751	5.383	4744545	25519798	43.423	330.585 #
25)	L5 AR-1248-5	6.793	5.778	4376760	4375462	41.612	40.612
26)	L6 AR-1254-1	6.725	5.735	18372255	16851026	167.678	140.805
27)	L6 AR-1254-2	6.942	5.883	20320852	18755854	121.978	151.940
28)	L6 AR-1254-3	7.313	6.304	11694666	58776688	66.969	232.956 #
29)	L6 AR-1254-4	7.600	6.520	8361274	12149903	61.902	39.537 #
30)	L6 AR-1254-5	8.020	6.939	62084638	167.5E6	433.200	383.639
31)	L7 AR-1260-1	7.476	6.420	44101726	53372652	364.341	417.598
32)	L7 AR-1260-2	7.732	6.609	53708206	184.9E6	357.609	399.551
33)	L7 AR-1260-3	8.094	6.764	41508961	114.6E6	360.057	407.644
34)	L7 AR-1260-4	8.332	7.240	46925757	140.4E6	353.776	412.397
35)	L7 AR-1260-5	8.670	7.486	93481340	612.1E6	350.301	432.118
36)	L8 AR-1262-1	8.094	6.939	41508961	167.5E6	247.185	723.190 #
37)	L8 AR-1262-2	8.670	7.486	93481340	612.1E6	307.157	399.915 #
38)	L8 AR-1262-3	9.018	7.773	61426691	132.8E6	287.879	207.627 #
39)	L8 AR-1262-4	9.078	7.840	39575147	380.8E6	239.764	360.022 #
40)	L8 AR-1262-5	9.796	8.352	30434770	144.0E6	248.510	352.371 #
41)	L9 AR-1268-1	9.018	7.773	61426691	132.8E6	166.004	68.020 #
42)	L9 AR-1268-2	9.078	7.840	39575147	380.8E6	114.224	222.783 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121820\
 Data File : PR048981.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Dec 2020 11:07
 Operator : DD\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

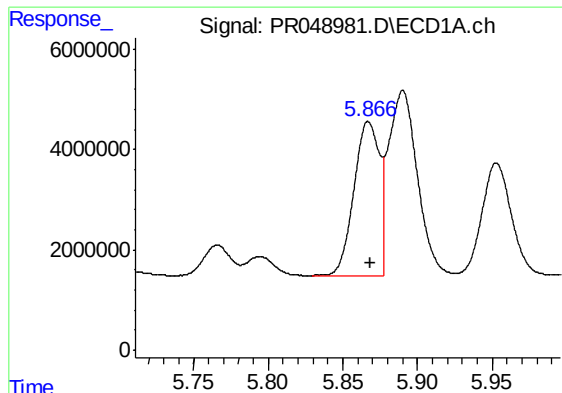
Instrument :
 ECD_R
 ClientSampleId :
 AR1660394

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 01:31:47 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR113020CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 01 06:11:17 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	9.339	8.049	1984014	5960636	6.638	4.053 #
44) L9	AR-1268-4	9.796	8.352	30434770	144.0E6	224.103	291.845 #
45) L9	AR-1268-5	10.238	8.658	9641994	32340068	9.531	8.160

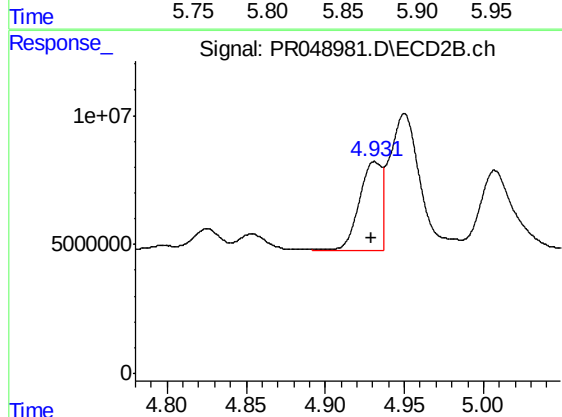
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

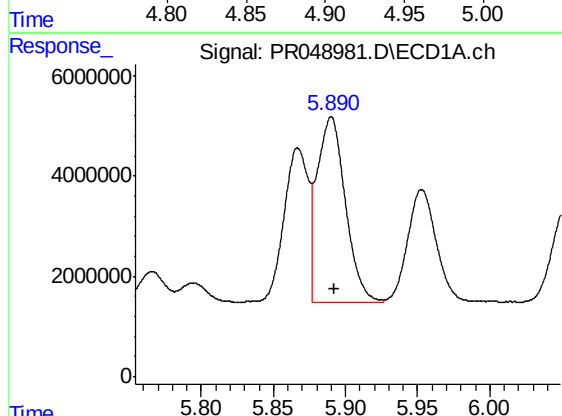
R.T.: 5.867 min
Delta R.T.: -0.002 min
Response: 36303458
Conc: 369.21 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660394



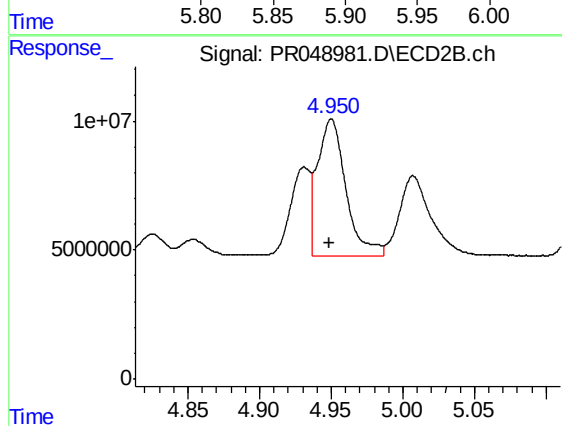
#3 AR-1016-1

R.T.: 4.931 min
Delta R.T.: 0.002 min
Response: 33808971
Conc: 468.39 ng/ml



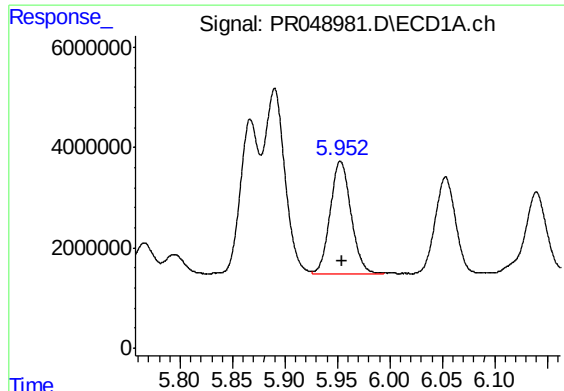
#4 AR-1016-2

R.T.: 5.890 min
Delta R.T.: -0.002 min
Response: 50402019
Conc: 355.54 ng/ml



#4 AR-1016-2

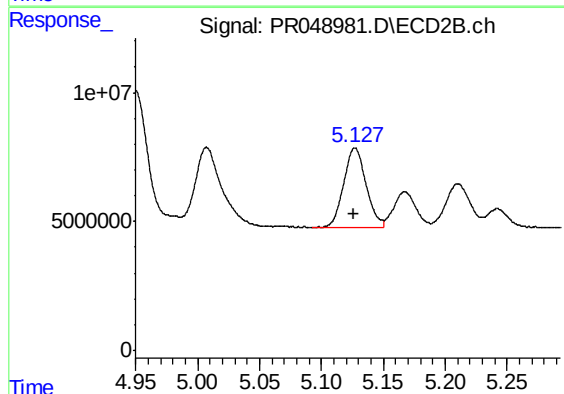
R.T.: 4.950 min
Delta R.T.: 0.002 min
Response: 73145007
Conc: 476.70 ng/ml



#5 AR-1016-3

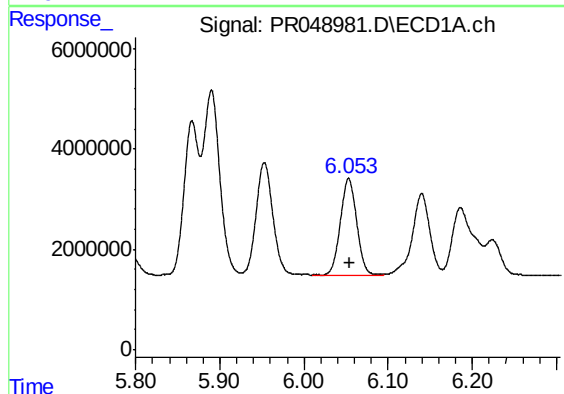
R.T.: 5.953 min
Delta R.T.: -0.002 min
Response: 31200221
Conc: 358.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660394



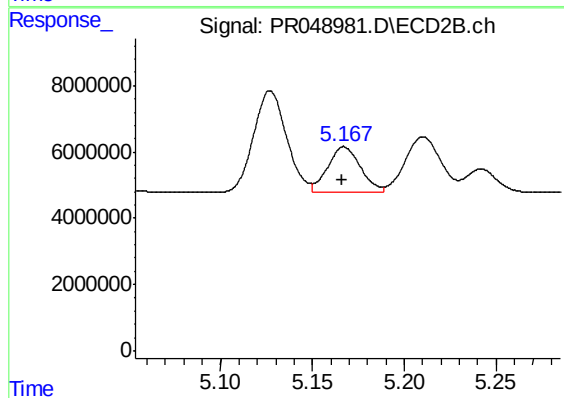
#5 AR-1016-3

R.T.: 5.127 min
Delta R.T.: 0.001 min
Response: 38758771
Conc: 452.95 ng/ml



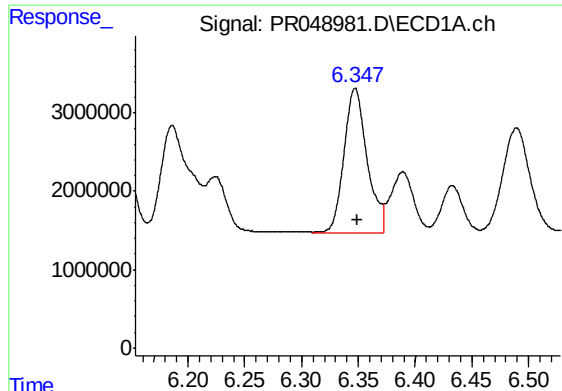
#6 AR-1016-4

R.T.: 6.053 min
Delta R.T.: -0.002 min
Response: 26351933
Conc: 369.63 ng/ml



#6 AR-1016-4

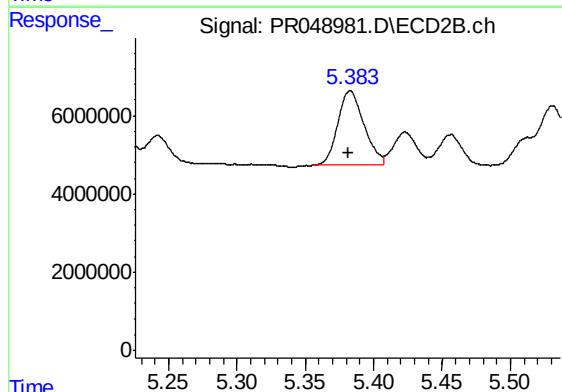
R.T.: 5.167 min
Delta R.T.: 0.000 min
Response: 17273785
Conc: 464.73 ng/ml



#7 AR-1016-5

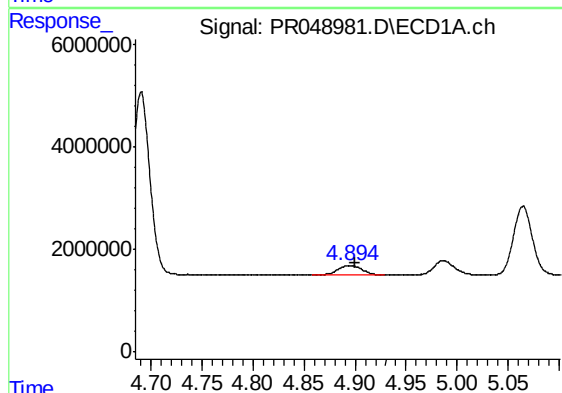
R.T.: 6.347 min
Delta R.T.: -0.002 min
Response: 25982486
Conc: 369.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660394



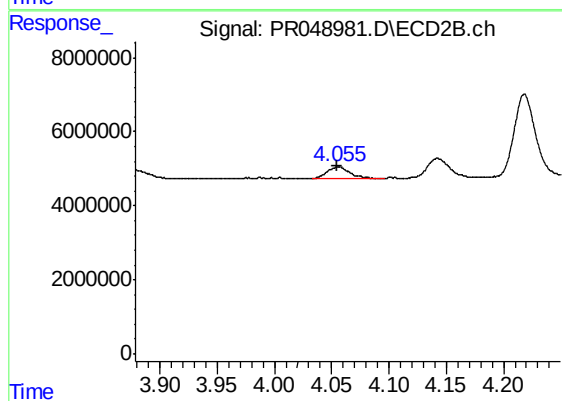
#7 AR-1016-5

R.T.: 5.383 min
Delta R.T.: 0.002 min
Response: 25519798
Conc: 453.38 ng/ml



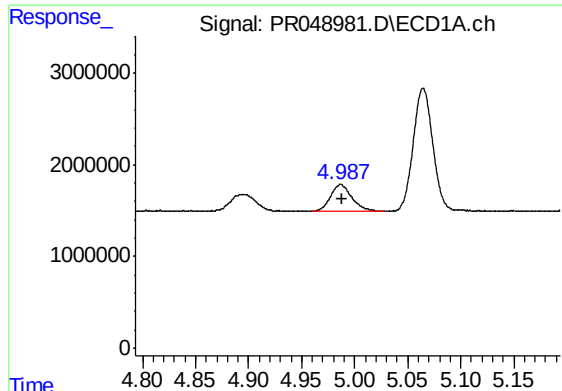
#8 AR-1221-1

R.T.: 4.894 min
Delta R.T.: -0.006 min
Response: 3190225
Conc: 101.68 ng/ml



#8 AR-1221-1

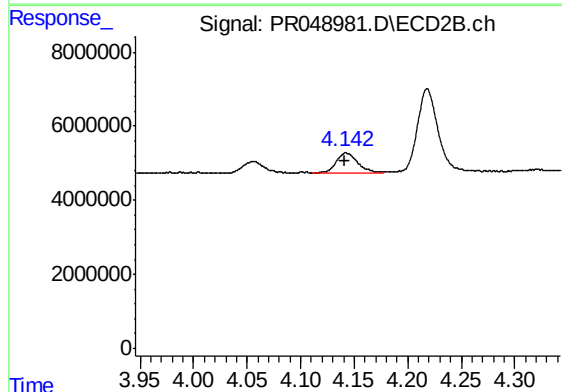
R.T.: 4.055 min
Delta R.T.: 0.000 min
Response: 4556557
Conc: 112.28 ng/ml



#9 AR-1221-2

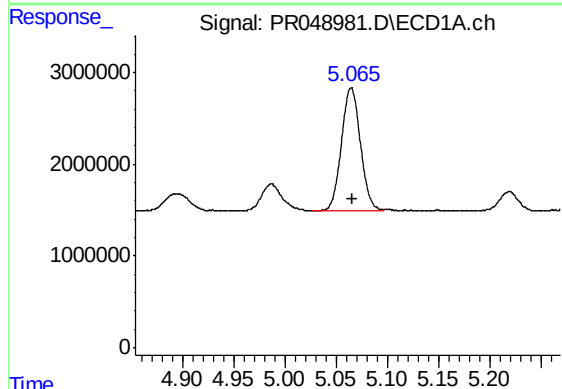
R.T.: 4.987 min
Delta R.T.: -0.001 min
Response: 4195862
Conc: 187.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660394



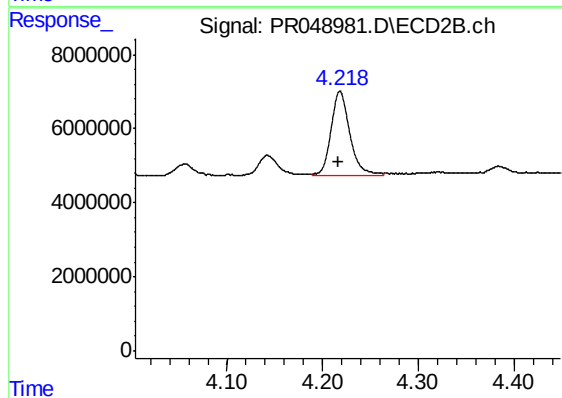
#9 AR-1221-2

R.T.: 4.142 min
Delta R.T.: 0.000 min
Response: 7827099
Conc: 218.13 ng/ml



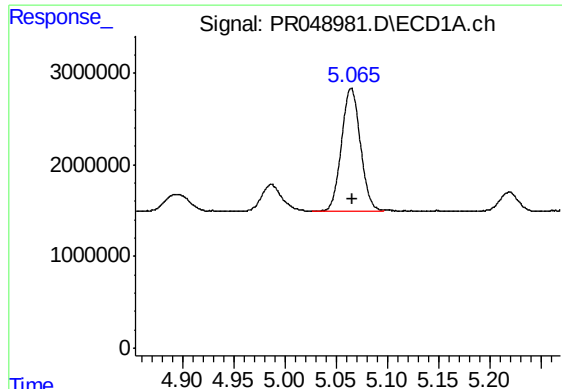
#10 AR-1221-3

R.T.: 5.065 min
Delta R.T.: -0.001 min
Response: 17470526
Conc: 239.38 ng/ml



#10 AR-1221-3

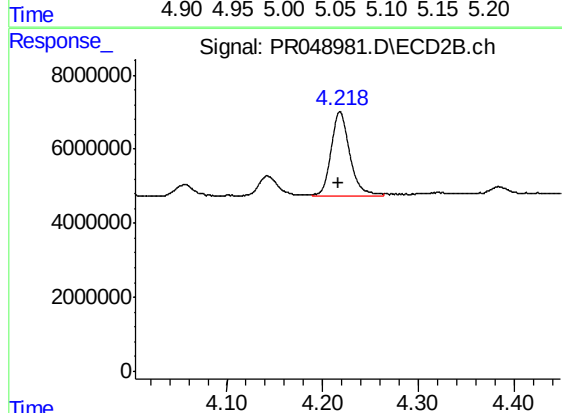
R.T.: 4.218 min
Delta R.T.: 0.001 min
Response: 31095865
Conc: 283.00 ng/ml



#11 AR-1232-1

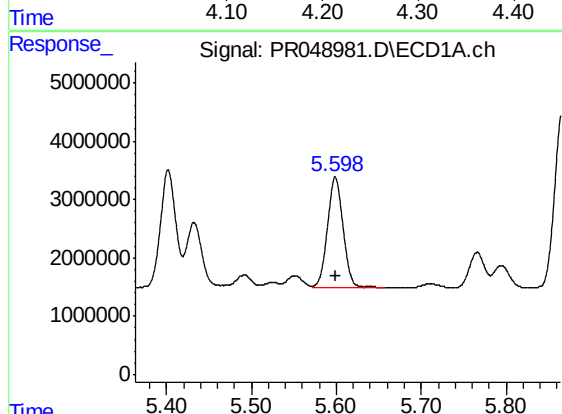
R.T.: 5.065 min
Delta R.T.: 0.000 min
Response: 17470526
Conc: 288.91 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660394



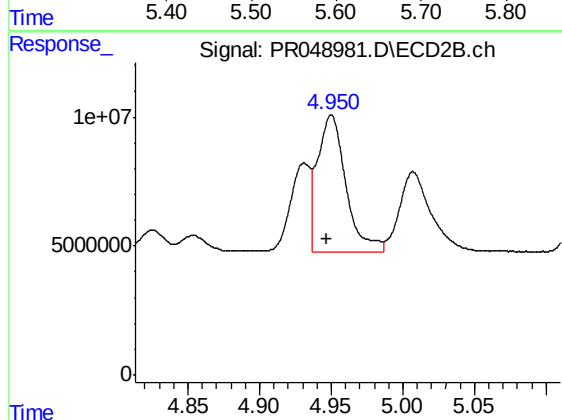
#11 AR-1232-1

R.T.: 4.218 min
Delta R.T.: 0.002 min
Response: 31095865
Conc: 344.87 ng/ml



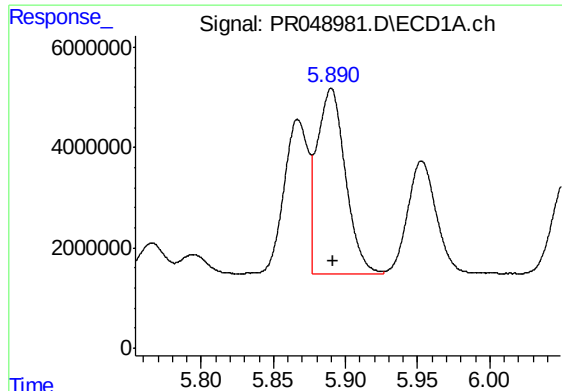
#12 AR-1232-2

R.T.: 5.599 min
Delta R.T.: 0.000 min
Response: 24488708
Conc: 788.20 ng/ml



#12 AR-1232-2

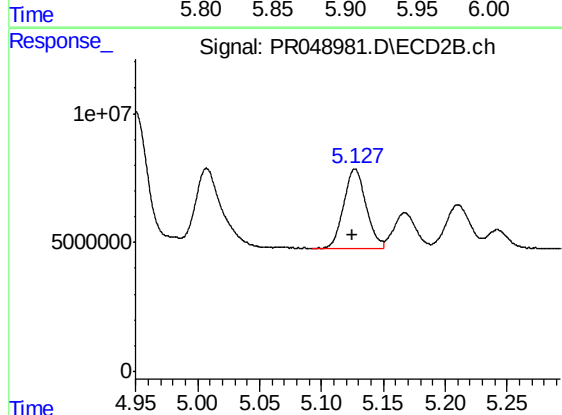
R.T.: 4.950 min
Delta R.T.: 0.003 min
Response: 73145007
Conc: 1019.02 ng/ml



#13 AR-1232-3

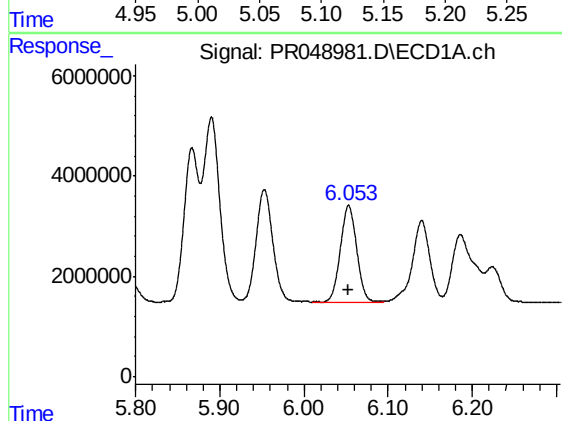
R.T.: 5.890 min
Delta R.T.: -0.001 min
Response: 50402019
Conc: 783.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660394



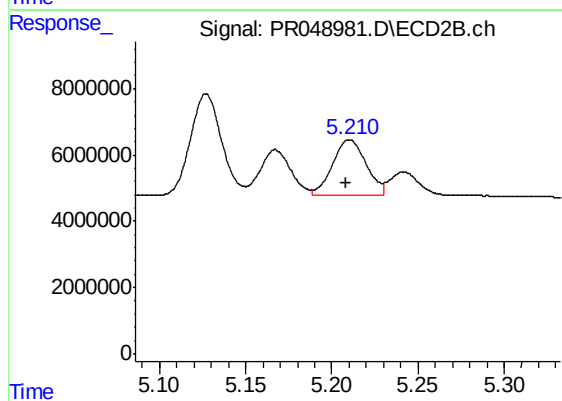
#13 AR-1232-3

R.T.: 5.127 min
Delta R.T.: 0.002 min
Response: 38758771
Conc: 987.66 ng/ml



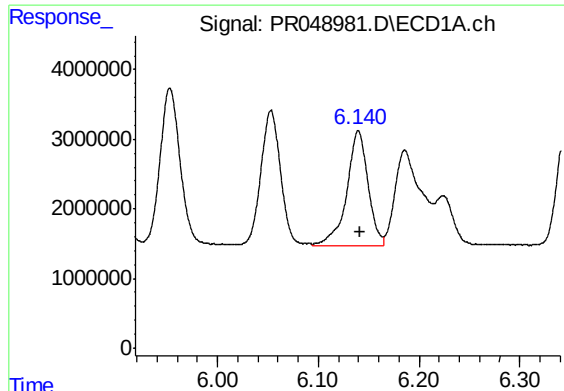
#14 AR-1232-4

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 26351933
Conc: 824.94 ng/ml



#14 AR-1232-4

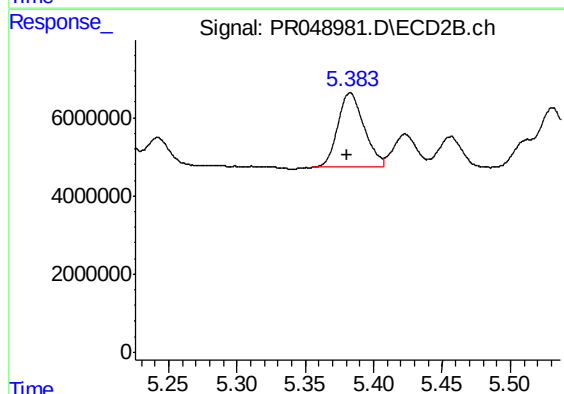
R.T.: 5.210 min
Delta R.T.: 0.002 min
Response: 22933478
Conc: 1223.55 ng/ml



#15 AR-1232-5

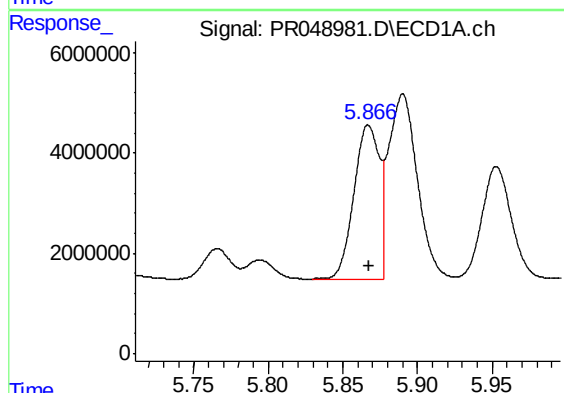
R.T.: 6.140 min
Delta R.T.: -0.001 min
Response: 24012965
Conc: 970.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660394



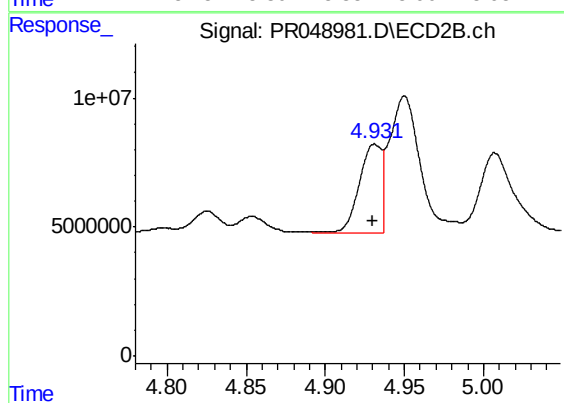
#15 AR-1232-5

R.T.: 5.383 min
Delta R.T.: 0.003 min
Response: 25519798
Conc: 1116.52 ng/ml



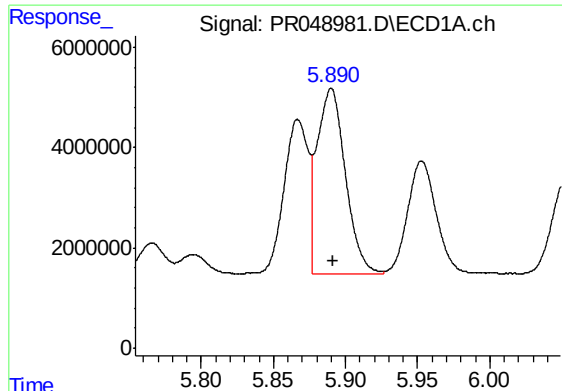
#16 AR-1242-1

R.T.: 5.867 min
Delta R.T.: 0.000 min
Response: 36303458
Conc: 441.65 ng/ml



#16 AR-1242-1

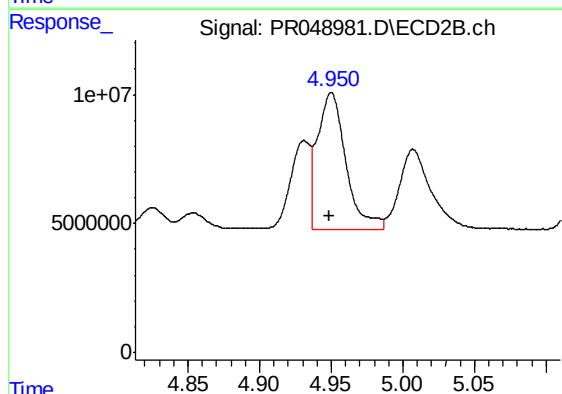
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 33808971
Conc: 544.38 ng/ml



#17 AR-1242-2

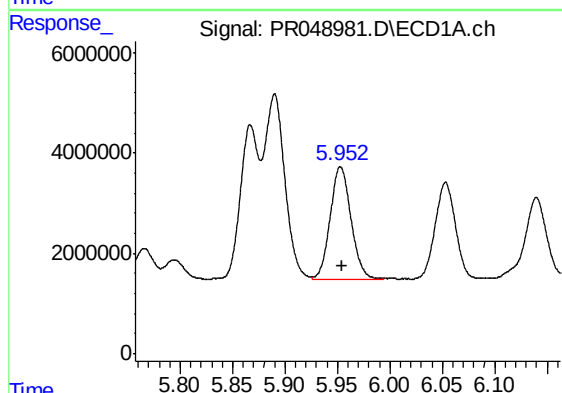
R.T.: 5.890 min
Delta R.T.: -0.001 min
Response: 50402019
Conc: 438.45 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660394



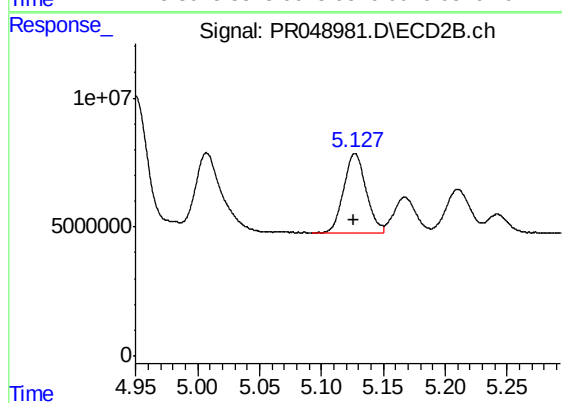
#17 AR-1242-2

R.T.: 4.950 min
Delta R.T.: 0.001 min
Response: 73145007
Conc: 551.21 ng/ml



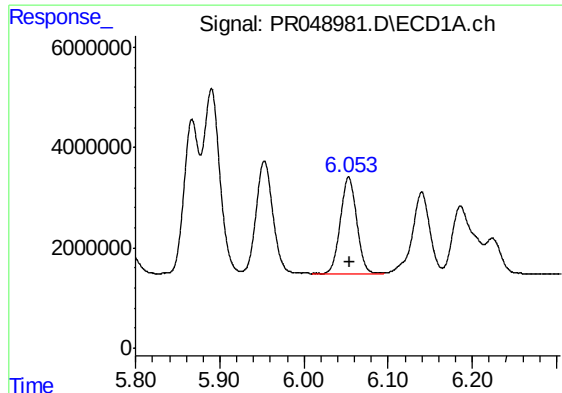
#18 AR-1242-3

R.T.: 5.953 min
Delta R.T.: -0.001 min
Response: 31200221
Conc: 438.76 ng/ml



#18 AR-1242-3

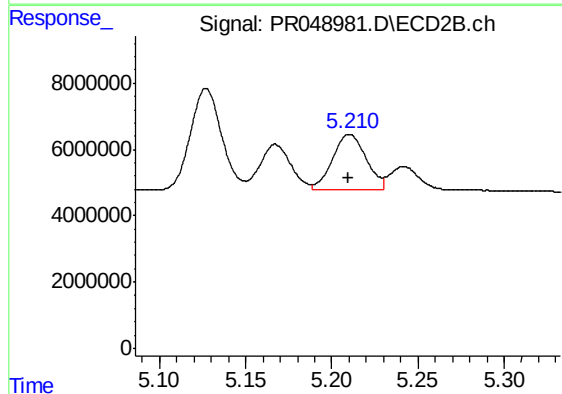
R.T.: 5.127 min
Delta R.T.: 0.001 min
Response: 38758771
Conc: 530.55 ng/ml



#19 AR-1242-4

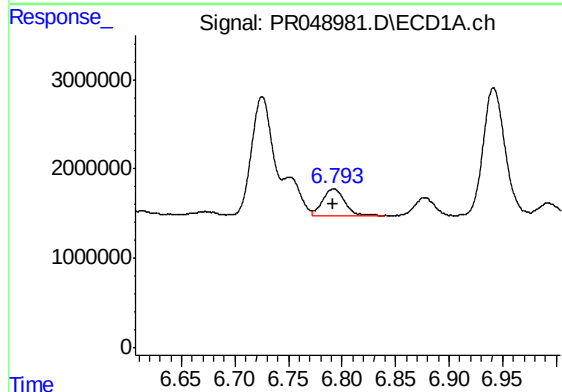
R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 26351933
Conc: 451.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660394



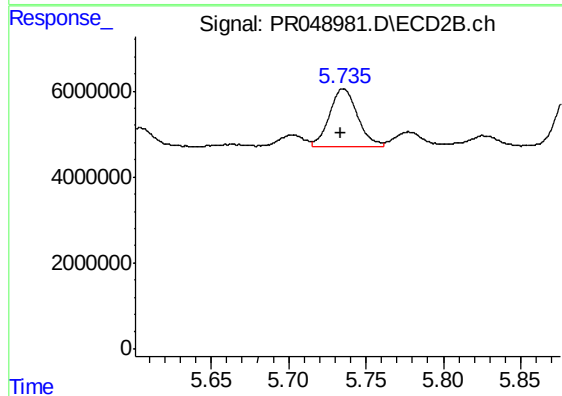
#19 AR-1242-4

R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 22933478
Conc: 540.44 ng/ml



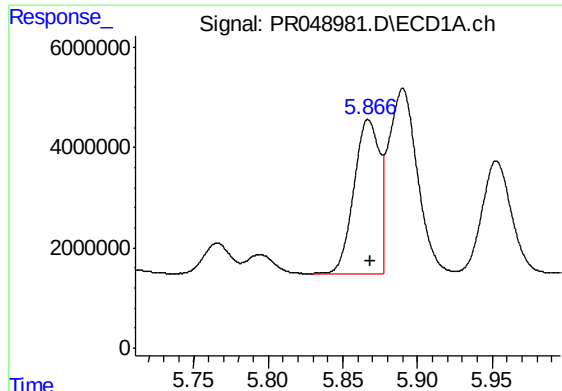
#20 AR-1242-5

R.T.: 6.793 min
Delta R.T.: 0.000 min
Response: 4376760
Conc: 66.29 ng/ml



#20 AR-1242-5

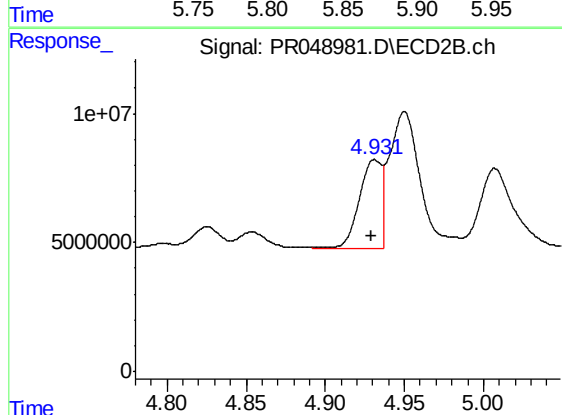
R.T.: 5.735 min
Delta R.T.: 0.002 min
Response: 16851026
Conc: 259.34 ng/ml



#21 AR-1248-1

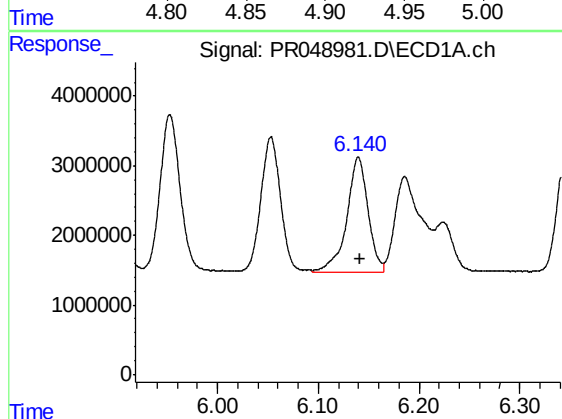
R.T.: 5.867 min
Delta R.T.: -0.001 min
Response: 36303458
Conc: 600.93 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660394



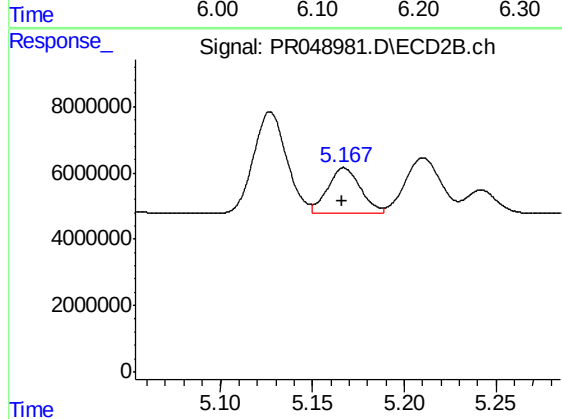
#21 AR-1248-1

R.T.: 4.931 min
Delta R.T.: 0.002 min
Response: 33808971
Conc: 716.97 ng/ml



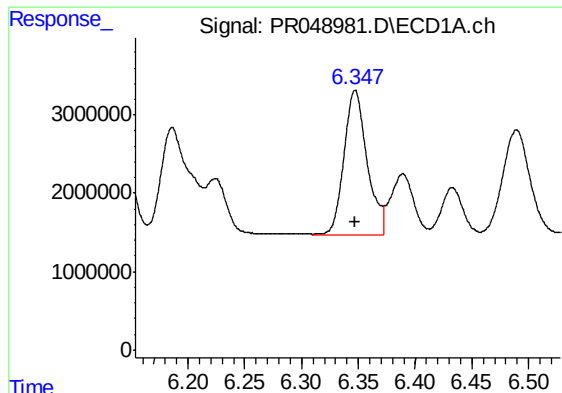
#22 AR-1248-2

R.T.: 6.140 min
Delta R.T.: -0.001 min
Response: 24012965
Conc: 282.93 ng/ml



#22 AR-1248-2

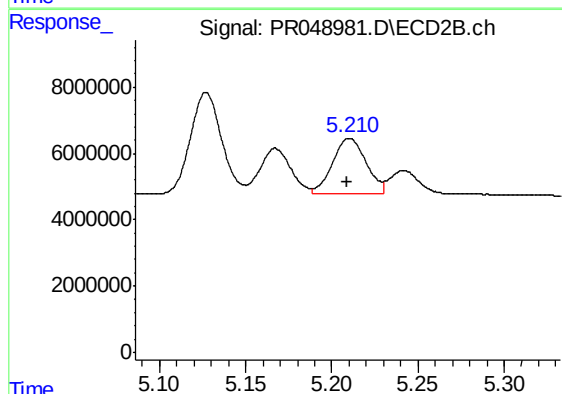
R.T.: 5.167 min
Delta R.T.: 0.001 min
Response: 17273785
Conc: 329.71 ng/ml



#23 AR-1248-3

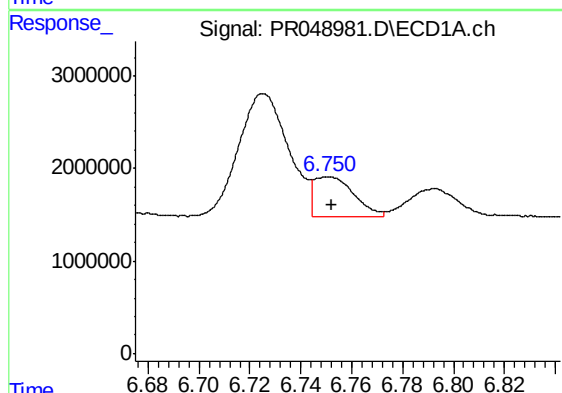
R.T.: 6.347 min
Delta R.T.: 0.000 min
Response: 25982486
Conc: 281.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660394



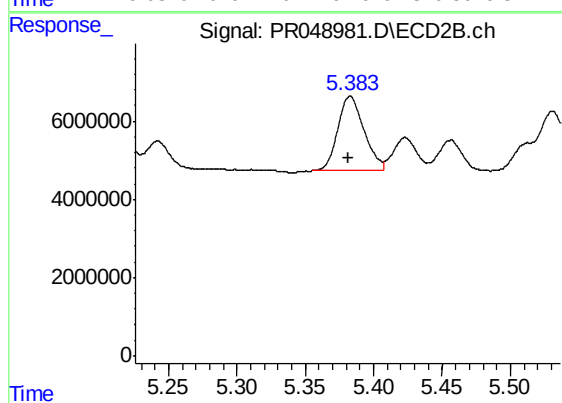
#23 AR-1248-3

R.T.: 5.210 min
Delta R.T.: 0.001 min
Response: 22933478
Conc: 375.75 ng/ml



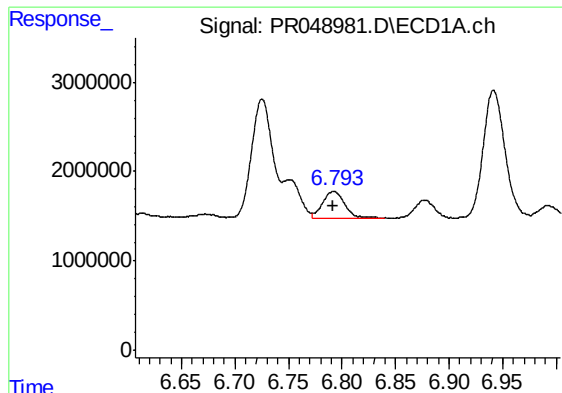
#24 AR-1248-4

R.T.: 6.751 min
Delta R.T.: -0.001 min
Response: 4744545
Conc: 43.42 ng/ml



#24 AR-1248-4

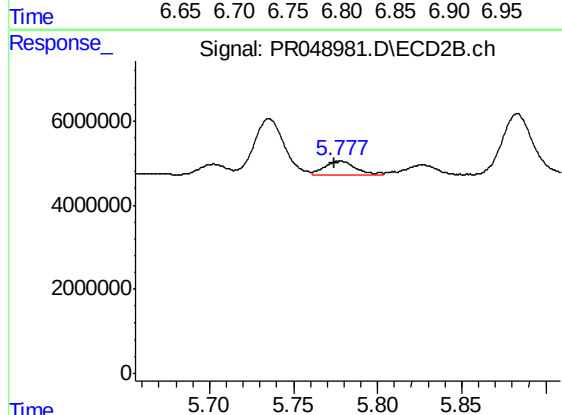
R.T.: 5.383 min
Delta R.T.: 0.001 min
Response: 25519798
Conc: 330.59 ng/ml



#25 AR-1248-5

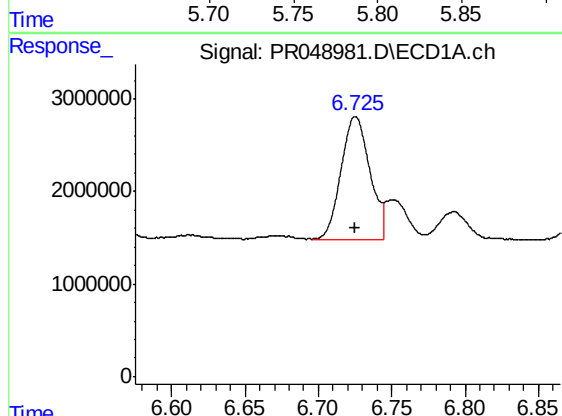
R.T.: 6.793 min
Delta R.T.: 0.000 min
Response: 4376760
Conc: 41.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660394



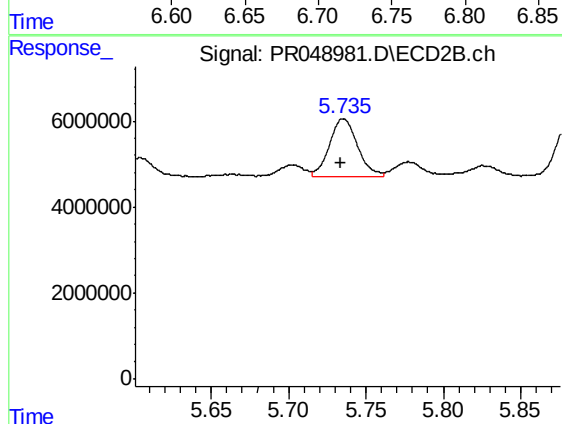
#25 AR-1248-5

R.T.: 5.778 min
Delta R.T.: 0.003 min
Response: 4375462
Conc: 40.61 ng/ml



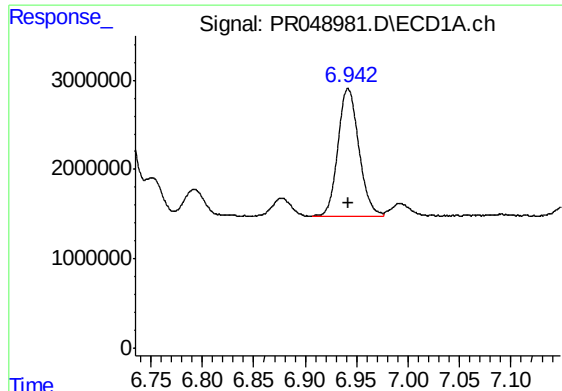
#26 AR-1254-1

R.T.: 6.725 min
Delta R.T.: 0.000 min
Response: 18372255
Conc: 167.68 ng/ml



#26 AR-1254-1

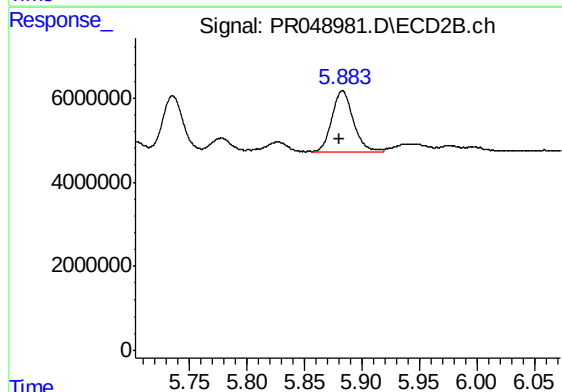
R.T.: 5.735 min
Delta R.T.: 0.002 min
Response: 16851026
Conc: 140.80 ng/ml



#27 AR-1254-2

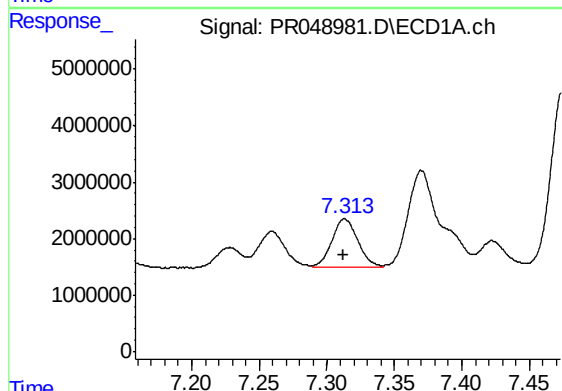
R.T.: 6.942 min
Delta R.T.: 0.000 min
Response: 20320852
Conc: 121.98 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660394



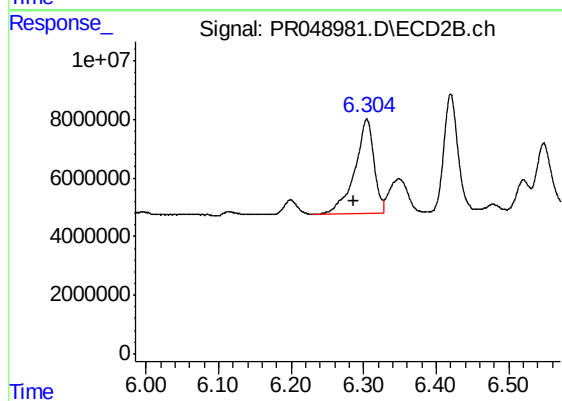
#27 AR-1254-2

R.T.: 5.883 min
Delta R.T.: 0.002 min
Response: 18755854
Conc: 151.94 ng/ml



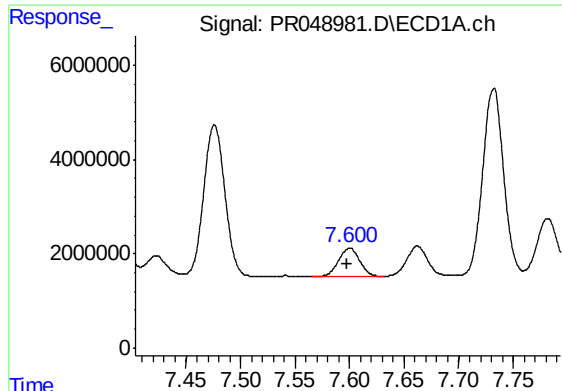
#28 AR-1254-3

R.T.: 7.313 min
Delta R.T.: 0.000 min
Response: 11694666
Conc: 66.97 ng/ml



#28 AR-1254-3

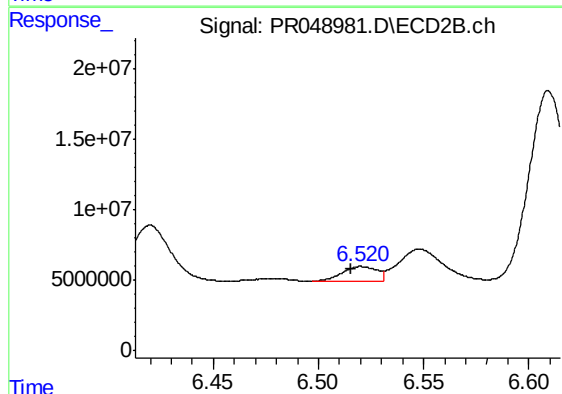
R.T.: 6.304 min
Delta R.T.: 0.018 min
Response: 58776688
Conc: 232.96 ng/ml



#29 AR-1254-4

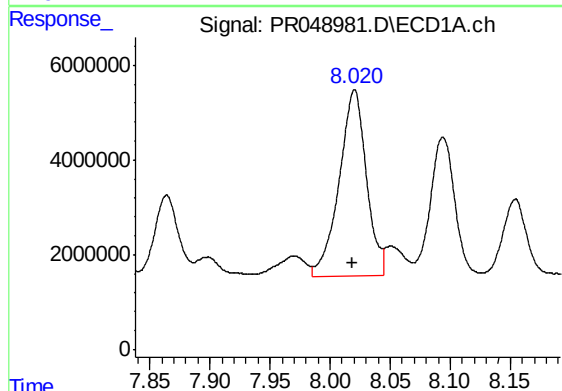
R.T.: 7.600 min
Delta R.T.: 0.002 min
Response: 8361274
Conc: 61.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660394



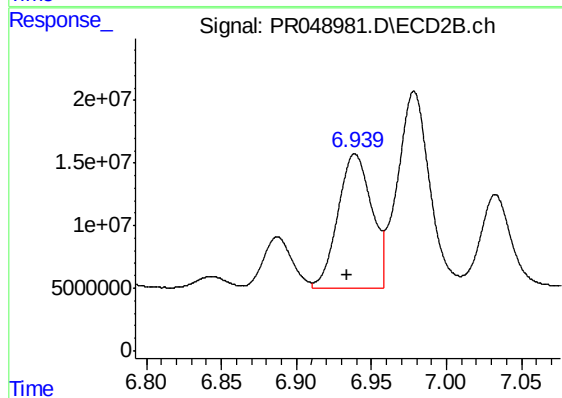
#29 AR-1254-4

R.T.: 6.520 min
Delta R.T.: 0.005 min
Response: 12149903
Conc: 39.54 ng/ml



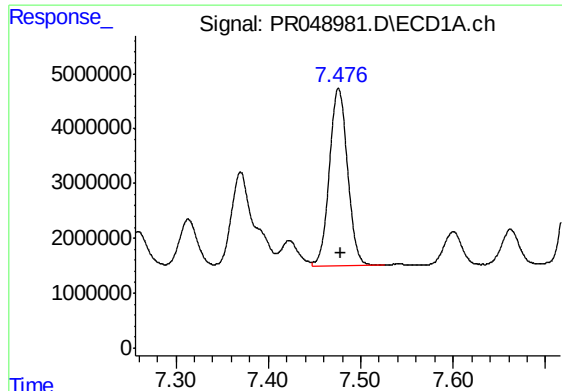
#30 AR-1254-5

R.T.: 8.020 min
Delta R.T.: 0.002 min
Response: 62084638
Conc: 433.20 ng/ml



#30 AR-1254-5

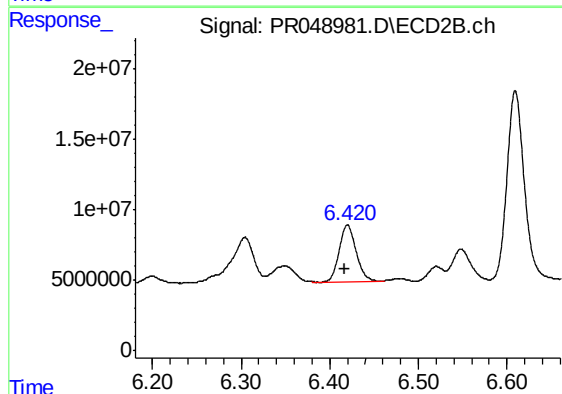
R.T.: 6.939 min
Delta R.T.: 0.005 min
Response: 167529994
Conc: 383.64 ng/ml



#31 AR-1260-1

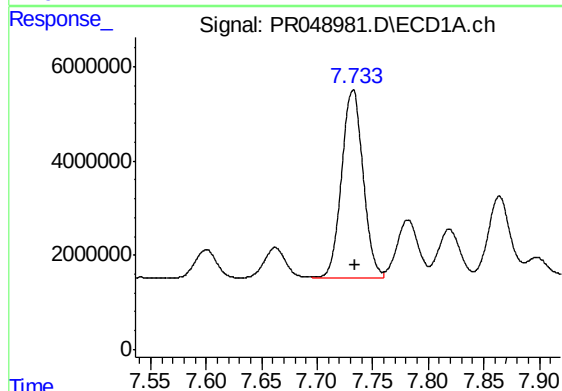
R.T.: 7.476 min
Delta R.T.: -0.002 min
Response: 44101726
Conc: 364.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660394



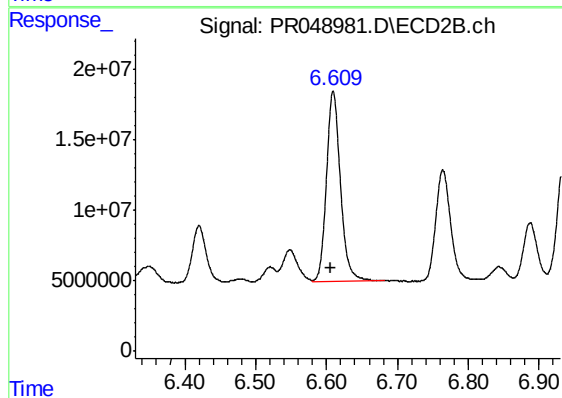
#31 AR-1260-1

R.T.: 6.420 min
Delta R.T.: 0.003 min
Response: 53372652
Conc: 417.60 ng/ml



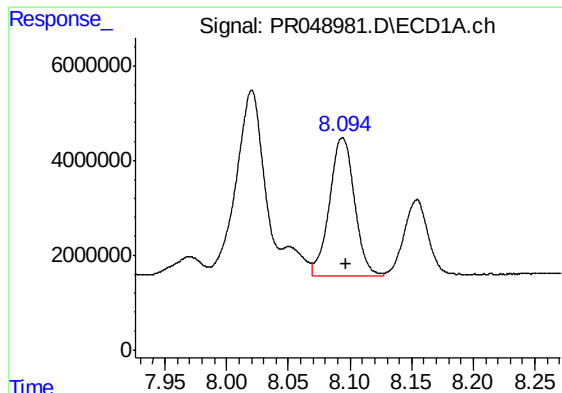
#32 AR-1260-2

R.T.: 7.732 min
Delta R.T.: -0.002 min
Response: 53708206
Conc: 357.61 ng/ml



#32 AR-1260-2

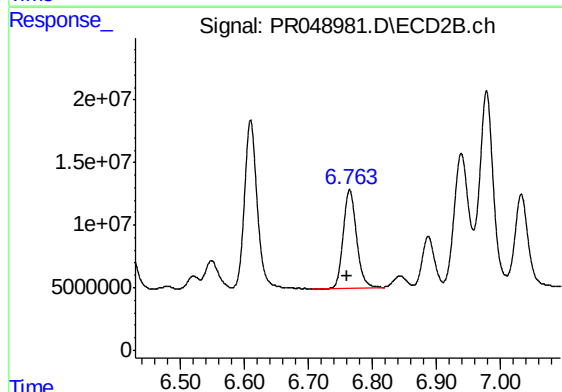
R.T.: 6.609 min
Delta R.T.: 0.004 min
Response: 184909503
Conc: 399.55 ng/ml



#33 AR-1260-3

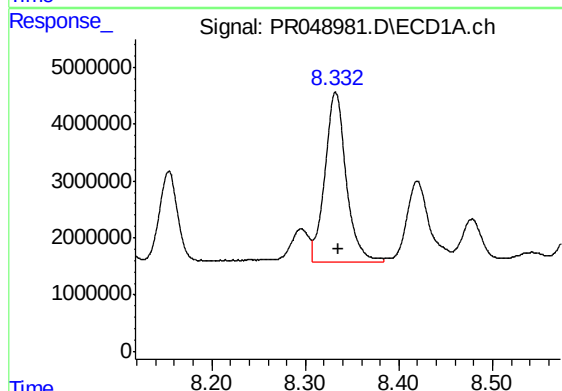
R.T.: 8.094 min
Delta R.T.: -0.002 min
Response: 41508961
Conc: 360.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660394



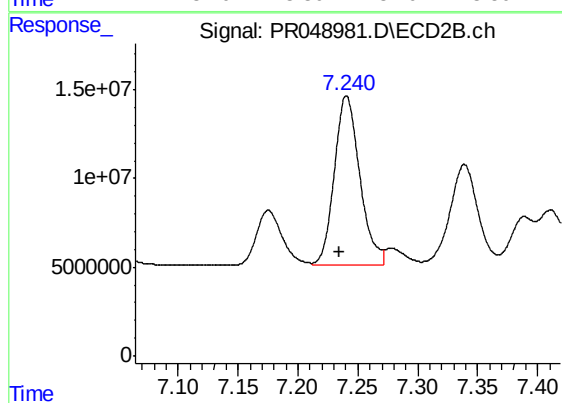
#33 AR-1260-3

R.T.: 6.764 min
Delta R.T.: 0.004 min
Response: 114606337
Conc: 407.64 ng/ml



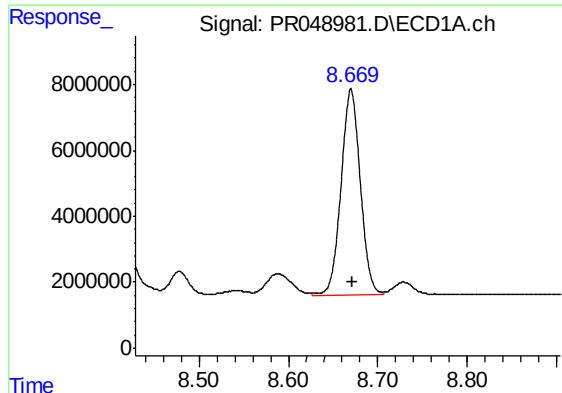
#34 AR-1260-4

R.T.: 8.332 min
Delta R.T.: -0.003 min
Response: 46925757
Conc: 353.78 ng/ml



#34 AR-1260-4

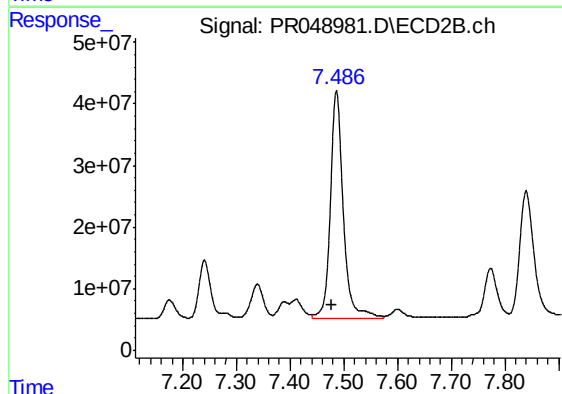
R.T.: 7.240 min
Delta R.T.: 0.005 min
Response: 140352519
Conc: 412.40 ng/ml



#35 AR-1260-5

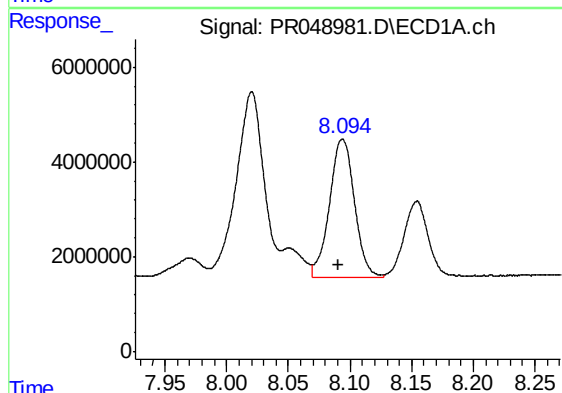
R.T.: 8.670 min
Delta R.T.: -0.001 min
Response: 93481340
Conc: 350.30 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660394



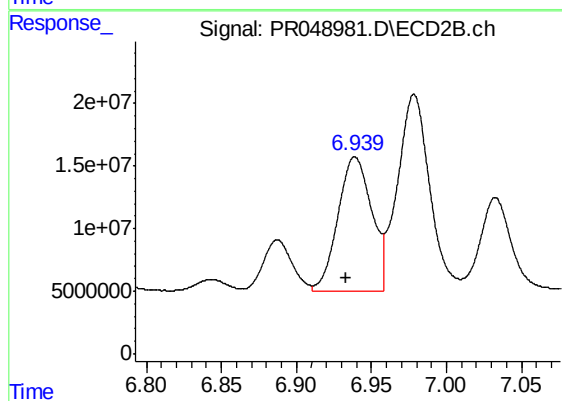
#35 AR-1260-5

R.T.: 7.486 min
Delta R.T.: 0.009 min
Response: 612139322
Conc: 432.12 ng/ml



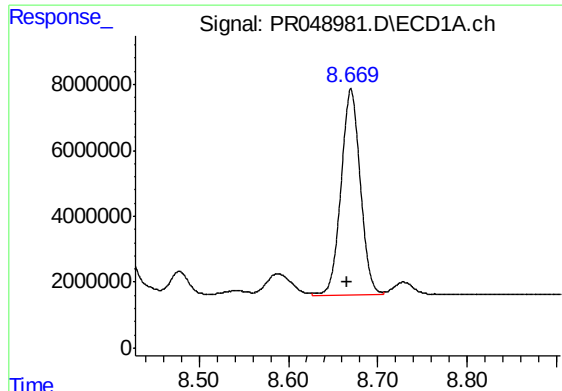
#36 AR-1262-1

R.T.: 8.094 min
Delta R.T.: 0.003 min
Response: 41508961
Conc: 247.18 ng/ml



#36 AR-1262-1

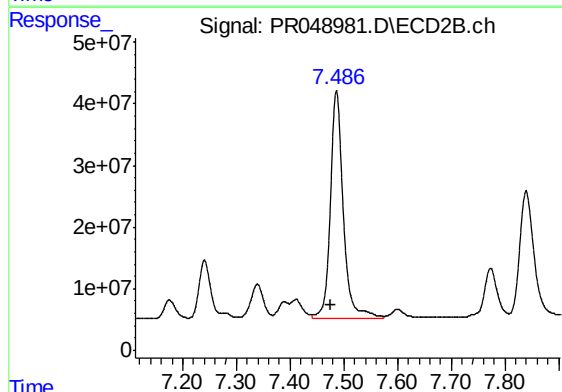
R.T.: 6.939 min
Delta R.T.: 0.006 min
Response: 167529994
Conc: 723.19 ng/ml



#37 AR-1262-2

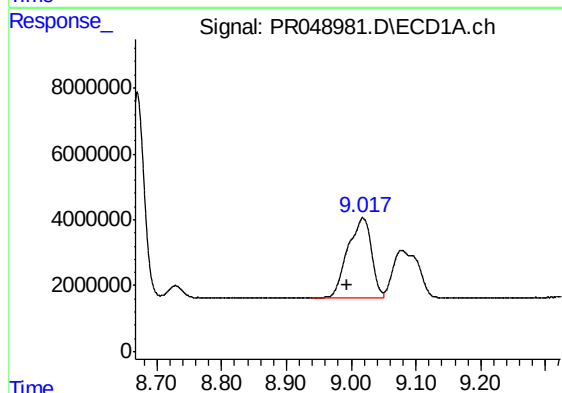
R.T.: 8.670 min
Delta R.T.: 0.004 min
Response: 93481340
Conc: 307.16 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660394



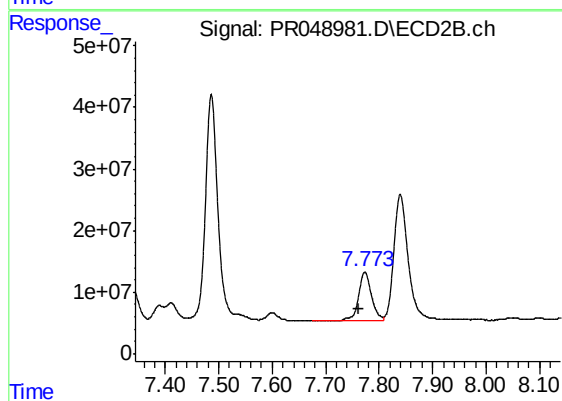
#37 AR-1262-2

R.T.: 7.486 min
Delta R.T.: 0.010 min
Response: 612139322
Conc: 399.92 ng/ml



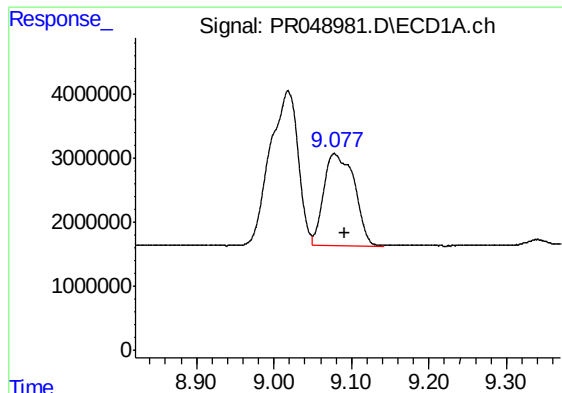
#38 AR-1262-3

R.T.: 9.018 min
Delta R.T.: 0.023 min
Response: 61426691
Conc: 287.88 ng/ml



#38 AR-1262-3

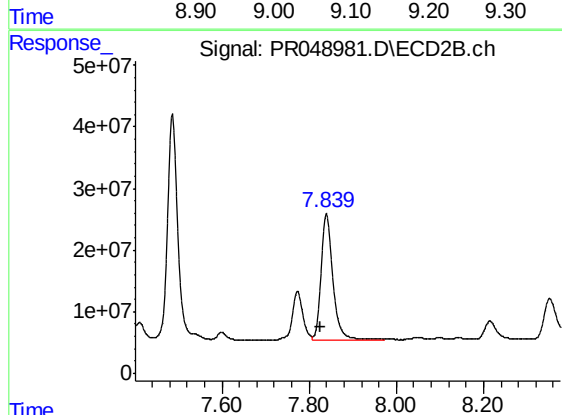
R.T.: 7.773 min
Delta R.T.: 0.011 min
Response: 132774088
Conc: 207.63 ng/ml



#39 AR-1262-4

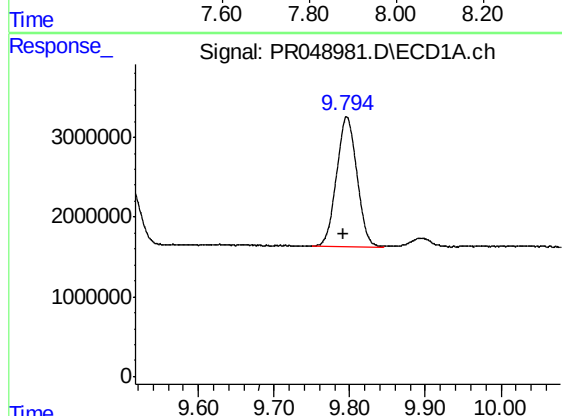
R.T.: 9.078 min
Delta R.T.: -0.014 min
Response: 39575147
Conc: 239.76 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660394



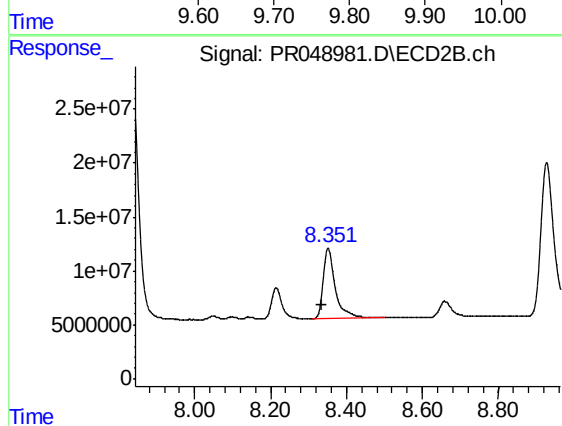
#39 AR-1262-4

R.T.: 7.840 min
Delta R.T.: 0.012 min
Response: 380813365
Conc: 360.02 ng/ml



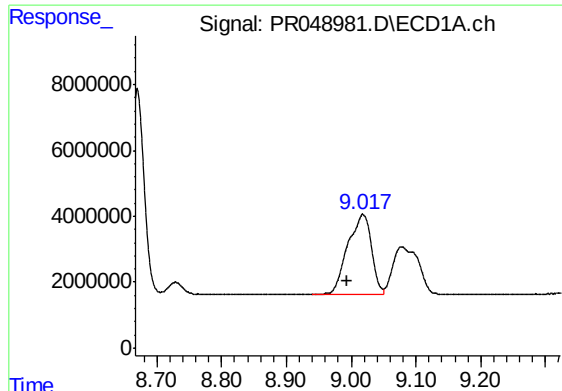
#40 AR-1262-5

R.T.: 9.796 min
Delta R.T.: 0.004 min
Response: 30434770
Conc: 248.51 ng/ml



#40 AR-1262-5

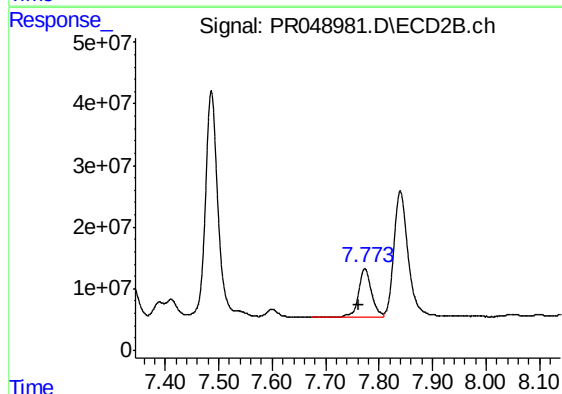
R.T.: 8.352 min
Delta R.T.: 0.017 min
Response: 144012439
Conc: 352.37 ng/ml



#41 AR-1268-1

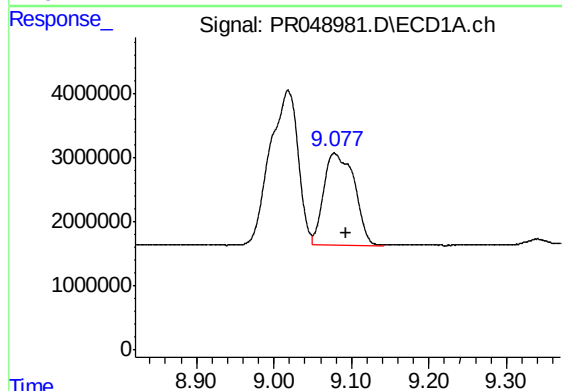
R.T.: 9.018 min
Delta R.T.: 0.025 min
Response: 61426691
Conc: 166.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660394



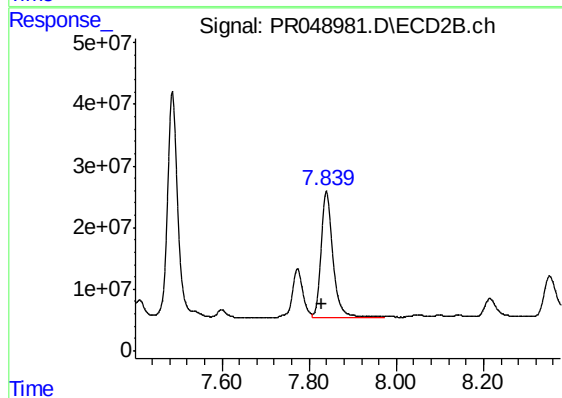
#41 AR-1268-1

R.T.: 7.773 min
Delta R.T.: 0.011 min
Response: 132774088
Conc: 68.02 ng/ml



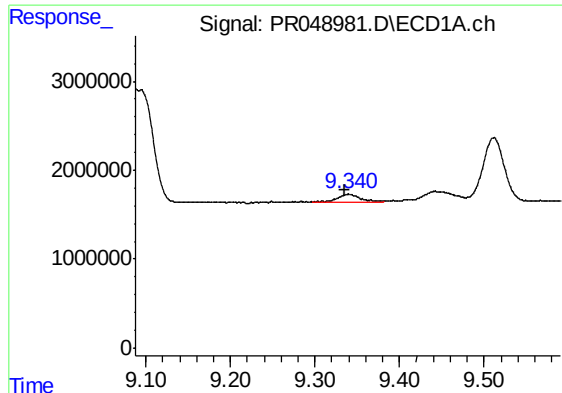
#42 AR-1268-2

R.T.: 9.078 min
Delta R.T.: -0.016 min
Response: 39575147
Conc: 114.22 ng/ml



#42 AR-1268-2

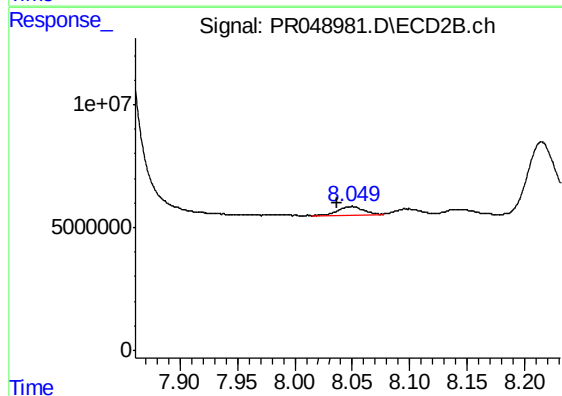
R.T.: 7.840 min
Delta R.T.: 0.011 min
Response: 380813365
Conc: 222.78 ng/ml



#43 AR-1268-3

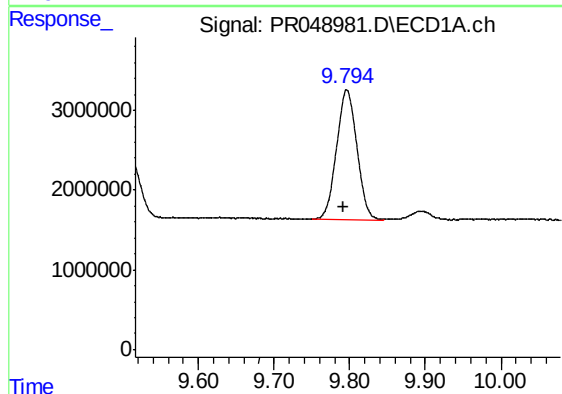
R.T.: 9.339 min
Delta R.T.: 0.003 min
Response: 1984014
Conc: 6.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660394



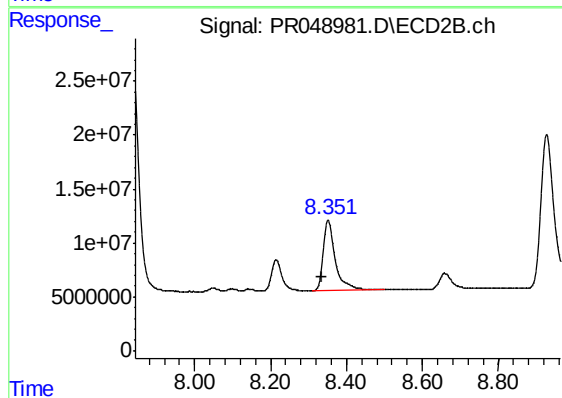
#43 AR-1268-3

R.T.: 8.049 min
Delta R.T.: 0.012 min
Response: 5960636
Conc: 4.05 ng/ml



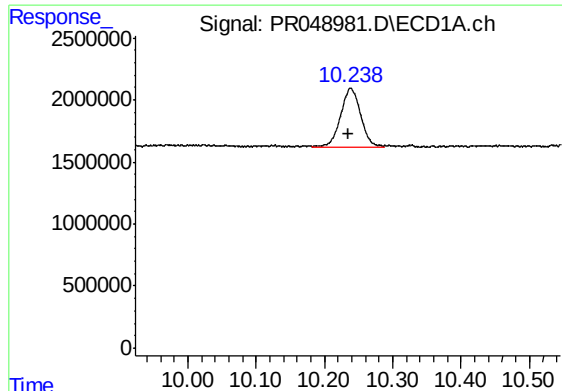
#44 AR-1268-4

R.T.: 9.796 min
Delta R.T.: 0.004 min
Response: 30434770
Conc: 224.10 ng/ml



#44 AR-1268-4

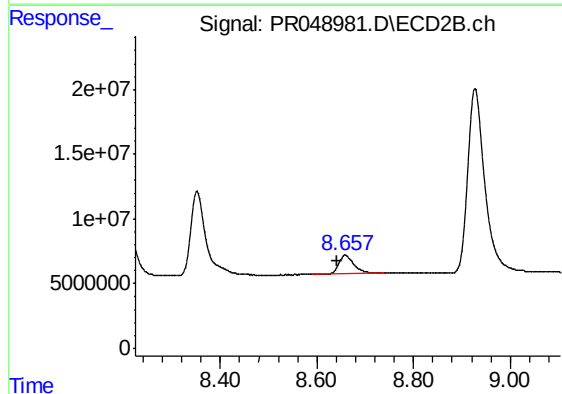
R.T.: 8.352 min
Delta R.T.: 0.017 min
Response: 144012439
Conc: 291.85 ng/ml



#45 AR-1268-5

R.T.: 10.238 min
Delta R.T.: 0.004 min
Response: 9641994
Conc: 9.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660394



#45 AR-1268-5

R.T.: 8.658 min
Delta R.T.: 0.018 min
Response: 32340068
Conc: 8.16 ng/ml