

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR012620\
 Data File : PR044563.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jan 2020 21:55
 Operator : AJ\MA
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1254393

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 24 23:43:08 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR012620CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jan 24 22:56:32 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...	4.695	3.956	107.8E6	225.0E6	14.958	15.111
2)	SA Decachlor...	10.585	9.033	259.8E6	470.6E6	35.065	35.158
Target Compounds							
3)	L1 AR-1016-1	5.871	5.045	2182568	3799889	7.832	9.382
4)	L1 AR-1016-2	5.896	5.065	2731347	3099025	6.948	5.534
5)	L1 AR-1016-3	5.956	5.246	1047978	1665374	4.480	5.619 #
6)	L1 AR-1016-4	6.056	5.283	1127780	70596581	5.771	301.766 #
7)	L1 AR-1016-5	6.349	5.499	28979960	46289523	149.865	138.948
8)	L2 AR-1221-1	0.000	4.163	0	369540	N.D.	2.177 #
9)	L2 AR-1221-2	5.006	4.260	1420996	3154028	25.203	26.186
10)	L2 AR-1221-3	5.071	4.331	458812	885408	2.378	2.252
11)	L3 AR-1232-1	5.071	4.331	458812	885408	3.177	2.985
12)	L3 AR-1232-2	5.603	5.065	698076	3099025	9.537	13.329 #
13)	L3 AR-1232-3	5.896	5.246	2731347	1665374	17.287	13.995
14)	L3 AR-1232-4	6.056	5.325	1127780	20883268	14.424	200.698 #
15)	L3 AR-1232-5	6.142	5.499	49572444	46289523	845.269	374.601 #
16)	L4 AR-1242-1	5.871	5.045	2182568	3799889	10.269	12.340
17)	L4 AR-1242-2	5.896	5.065	2731347	3099025	9.078	7.256
18)	L4 AR-1242-3	5.956	5.246	1047978	1665374	5.822	7.481 #
19)	L4 AR-1242-4	6.056	5.325	1127780	20883268	7.491	96.923 #
20)	L4 AR-1242-5	6.795	5.851	28589100	225.7E6	163.211	616.621 #
21)	L5 AR-1248-1	5.871	5.045	2182568	3799889	13.140	15.419
22)	L5 AR-1248-2	6.142	5.283	49572444	70596581	221.666	235.775
23)	L5 AR-1248-3	6.349	5.325	28979960	20883268	115.559	66.992 #
24)	L5 AR-1248-4	6.753	5.499	47543620	46289523	155.755	112.117 #
25)	L5 AR-1248-5	6.795	5.892	28589100	28971874	99.126	58.849 #
26)	L6 AR-1254-1	6.726	5.851	92733586	225.7E6	305.230	305.678
27)	L6 AR-1254-2	6.943	5.998	146.0E6	206.3E6	312.531	304.767
28)	L6 AR-1254-3	7.313	6.403	159.4E6	353.8E6	315.176	314.945
29)	L6 AR-1254-4	7.597	6.630	125.9E6	271.9E6	318.997	320.395
30)	L6 AR-1254-5	8.017	7.049	134.6E6	349.4E6	312.231	326.764
31)	L7 AR-1260-1	7.474	6.533	62867641	160.8E6	172.858	215.798
32)	L7 AR-1260-2	7.729	6.719	72765637	165.5E6	160.434	146.342
33)	L7 AR-1260-3	8.081	6.873	15981850	144.5E6	45.139	158.379 #
34)	L7 AR-1260-4	8.318	7.347	52736320	15948719	129.928	19.398 #
35)	L7 AR-1260-5	8.662	7.586	23491637	45478737	26.729	18.423 #
36)	L8 AR-1262-1	8.148	7.049	4279843	349.4E6	20.526	587.387 #
37)	L8 AR-1262-2	8.662	7.586	23491637	45478737	23.262	16.730 #
38)	L8 AR-1262-3	9.014	7.872	15993439	1873538	23.780	1.704 #
39)	L8 AR-1262-4	9.065	7.932	3949547	41041472	7.677	22.736 #
40)	L8 AR-1262-5	9.785	8.450	1154369	1990485	3.085	2.393
41)	L9 AR-1268-1	9.014	7.872	15993439	1873538	14.072	0.633 #
42)	L9 AR-1268-2	9.065	7.932	3949547	41041472	3.670	16.280 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR012620\
 Data File : PR044563.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jan 2020 21:55
 Operator : AJ\MA
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

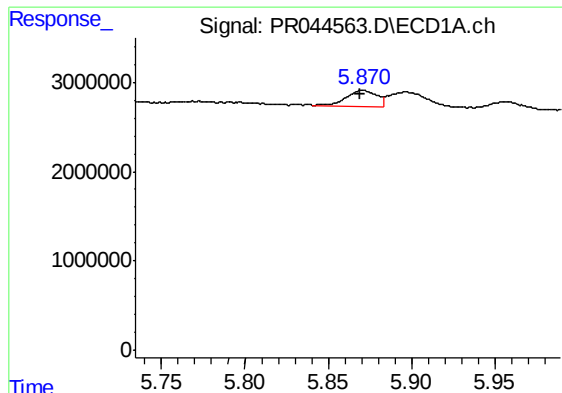
Instrument :
 ECD_R
 ClientSampleId :
 AR1254393

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 24 23:43:08 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR012620CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jan 24 22:56:32 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	9.332	8.144	1703759	3641313	1.883	1.714
44) L9	AR-1268-4	9.785	8.450	1154369	1990485	2.881	2.259
45) L9	AR-1268-5	10.227	8.760	2249980	4199672	0.709	0.684

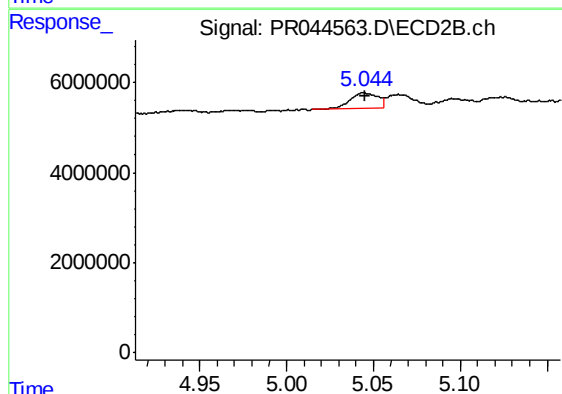
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

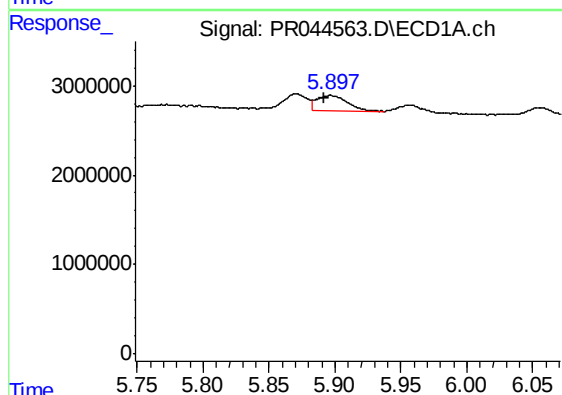
R.T.: 5.871 min
Delta R.T.: 0.001 min
Response: 2182568
Conc: 7.83 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254393



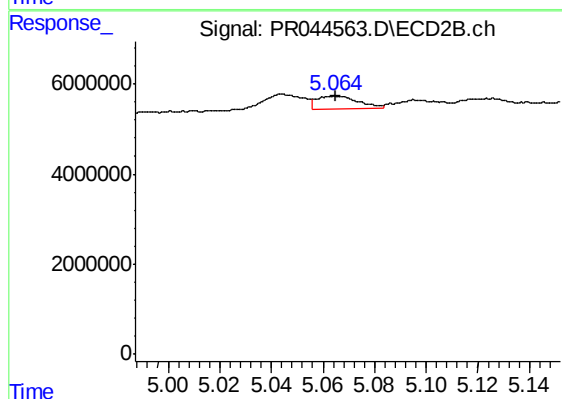
#3 AR-1016-1

R.T.: 5.045 min
Delta R.T.: -0.001 min
Response: 3799889
Conc: 9.38 ng/ml



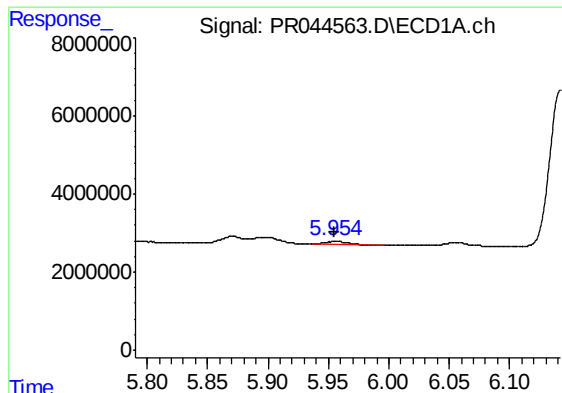
#4 AR-1016-2

R.T.: 5.896 min
Delta R.T.: 0.004 min
Response: 2731347
Conc: 6.95 ng/ml



#4 AR-1016-2

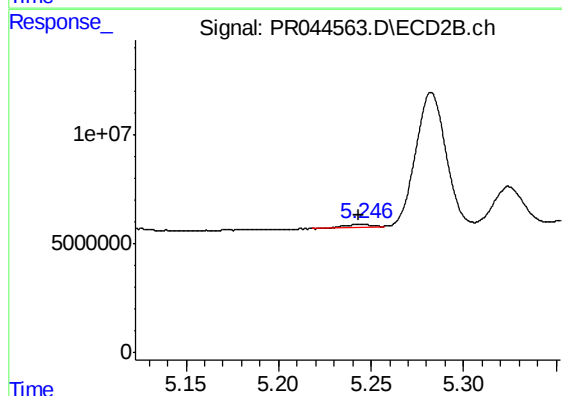
R.T.: 5.065 min
Delta R.T.: 0.000 min
Response: 3099025
Conc: 5.53 ng/ml



#5 AR-1016-3

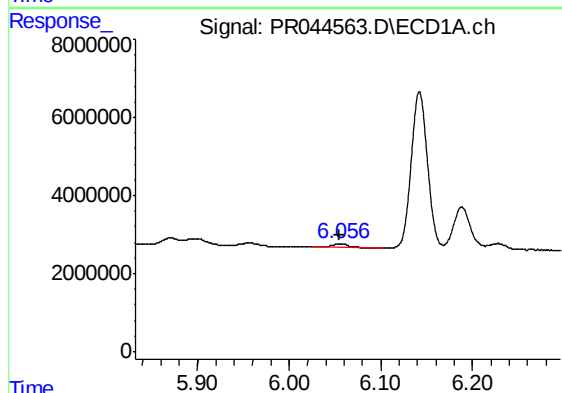
R.T.: 5.956 min
Delta R.T.: 0.000 min
Response: 1047978
Conc: 4.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254393



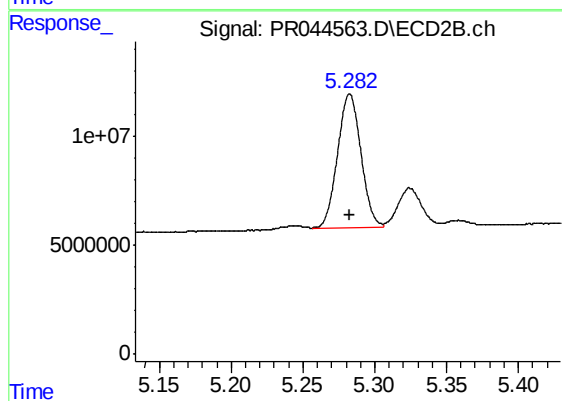
#5 AR-1016-3

R.T.: 5.246 min
Delta R.T.: 0.003 min
Response: 1665374
Conc: 5.62 ng/ml



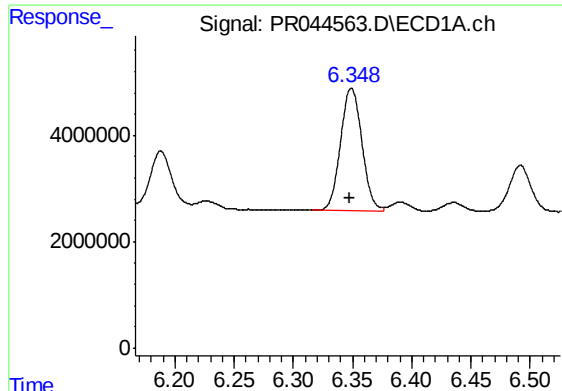
#6 AR-1016-4

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 1127780
Conc: 5.77 ng/ml



#6 AR-1016-4

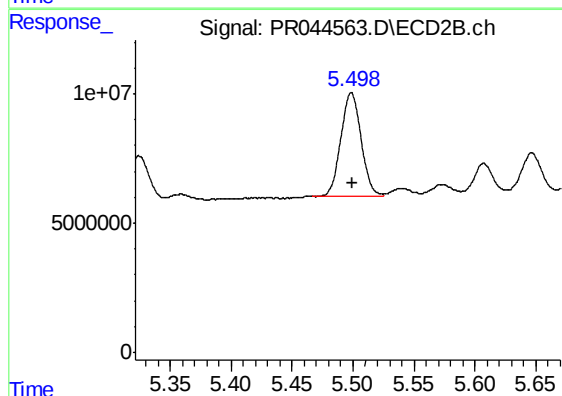
R.T.: 5.283 min
Delta R.T.: 0.000 min
Response: 70596581
Conc: 301.77 ng/ml



#7 AR-1016-5

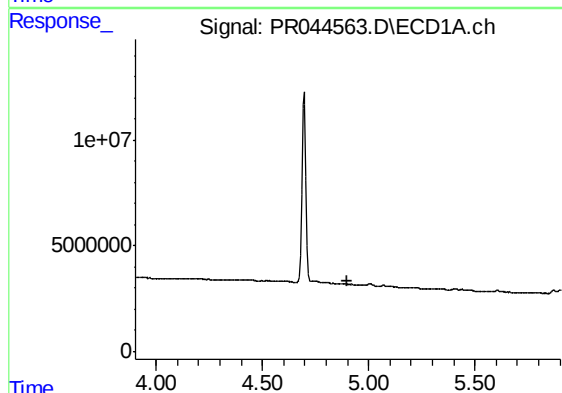
R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 28979960
Conc: 149.86 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254393



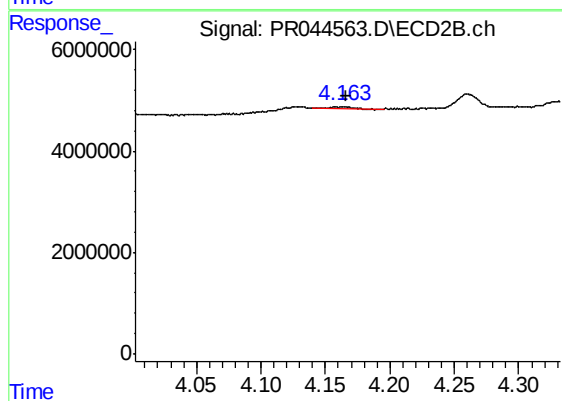
#7 AR-1016-5

R.T.: 5.499 min
Delta R.T.: 0.000 min
Response: 46289523
Conc: 138.95 ng/ml



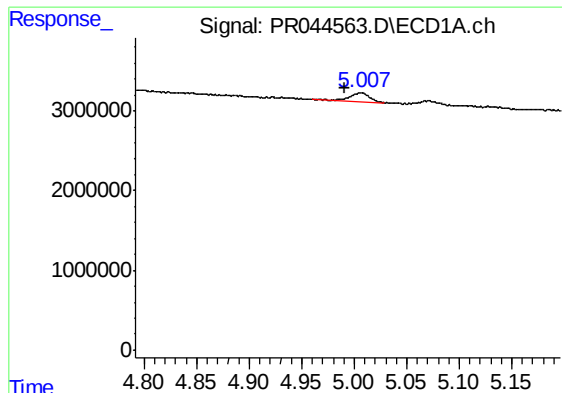
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.902 min
Response: 0
Conc: N.D.



#8 AR-1221-1

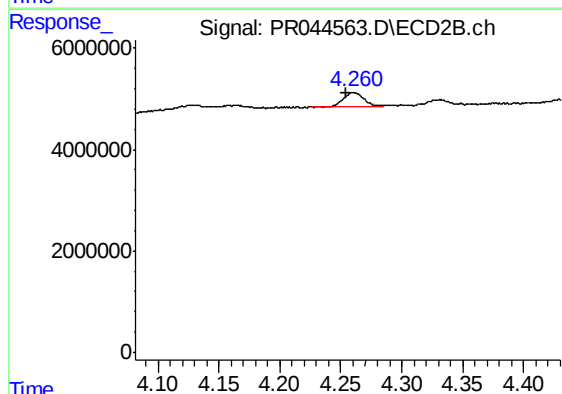
R.T.: 4.163 min
Delta R.T.: -0.003 min
Response: 369540
Conc: 2.18 ng/ml



#9 AR-1221-2

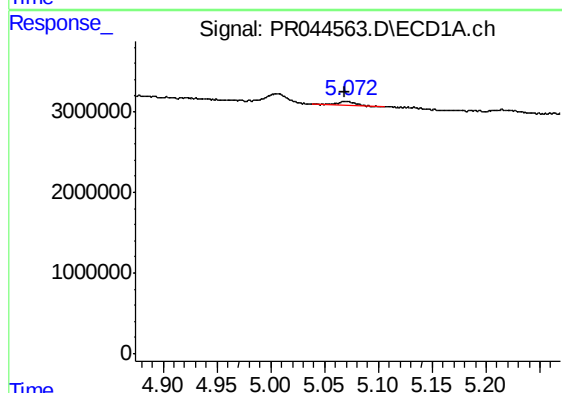
R.T.: 5.006 min
Delta R.T.: 0.016 min
Response: 1420996
Conc: 25.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254393



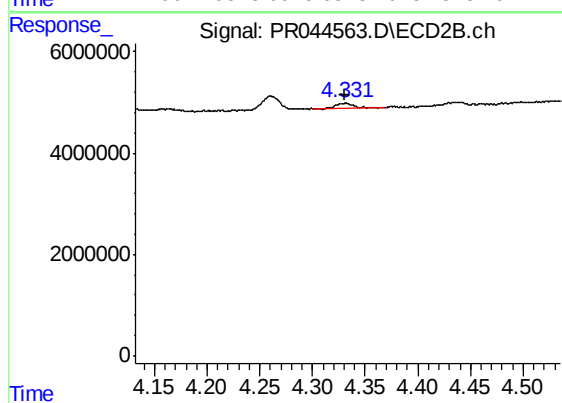
#9 AR-1221-2

R.T.: 4.260 min
Delta R.T.: 0.006 min
Response: 3154028
Conc: 26.19 ng/ml



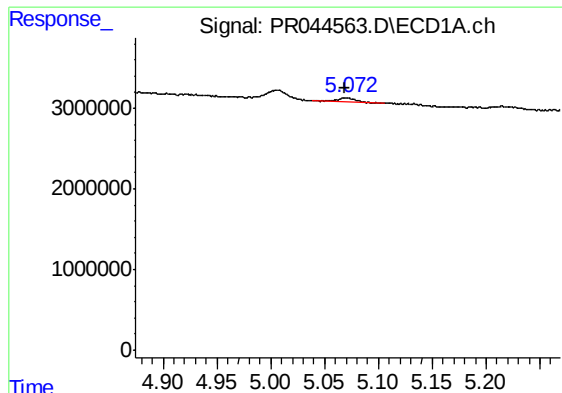
#10 AR-1221-3

R.T.: 5.071 min
Delta R.T.: 0.002 min
Response: 458812
Conc: 2.38 ng/ml



#10 AR-1221-3

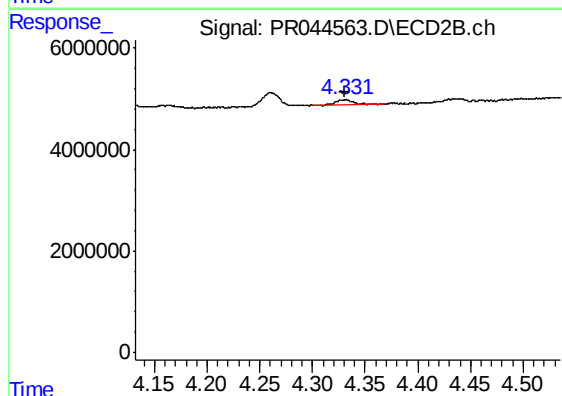
R.T.: 4.331 min
Delta R.T.: 0.001 min
Response: 885408
Conc: 2.25 ng/ml



#11 AR-1232-1

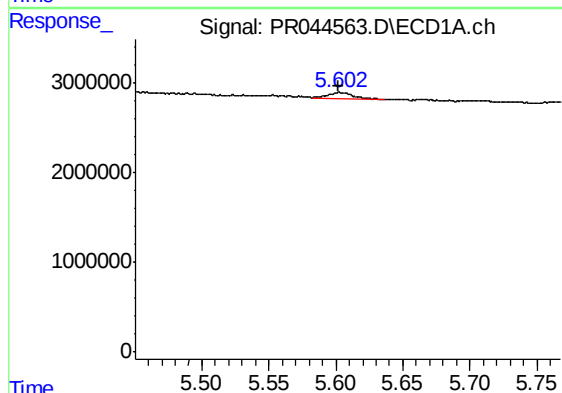
R.T.: 5.071 min
Delta R.T.: 0.003 min
Response: 458812
Conc: 3.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254393



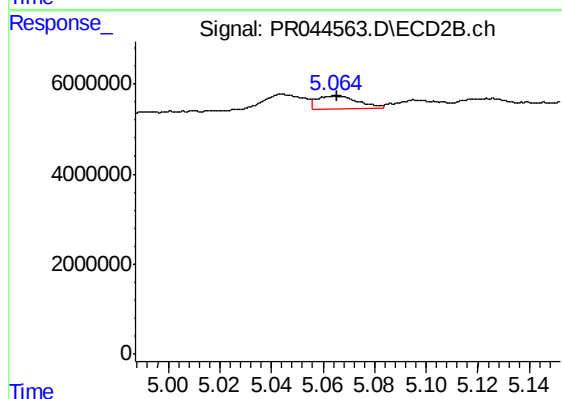
#11 AR-1232-1

R.T.: 4.331 min
Delta R.T.: 0.001 min
Response: 885408
Conc: 2.99 ng/ml



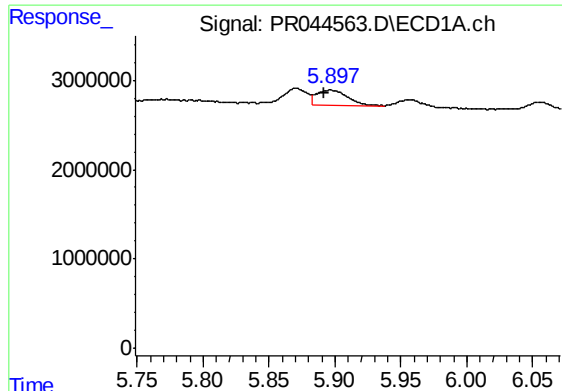
#12 AR-1232-2

R.T.: 5.603 min
Delta R.T.: 0.000 min
Response: 698076
Conc: 9.54 ng/ml



#12 AR-1232-2

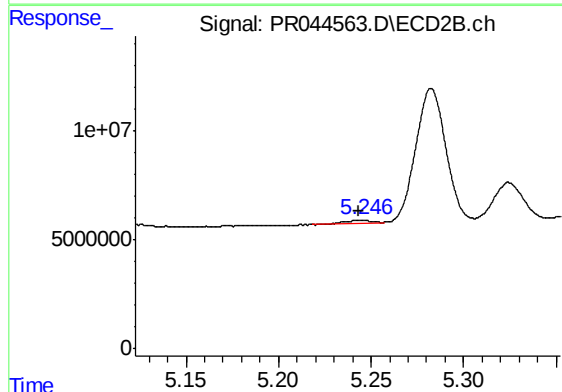
R.T.: 5.065 min
Delta R.T.: 0.000 min
Response: 3099025
Conc: 13.33 ng/ml



#13 AR-1232-3

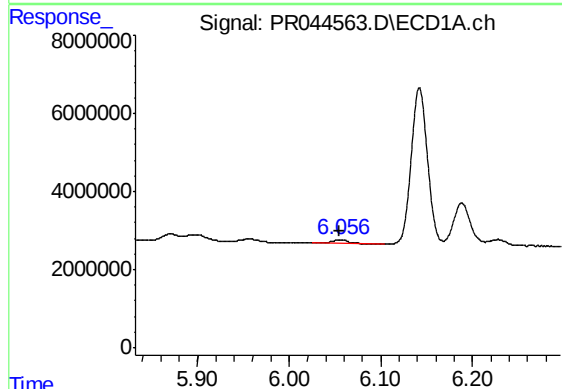
R.T.: 5.896 min
Delta R.T.: 0.004 min
Response: 2731347
Conc: 17.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254393



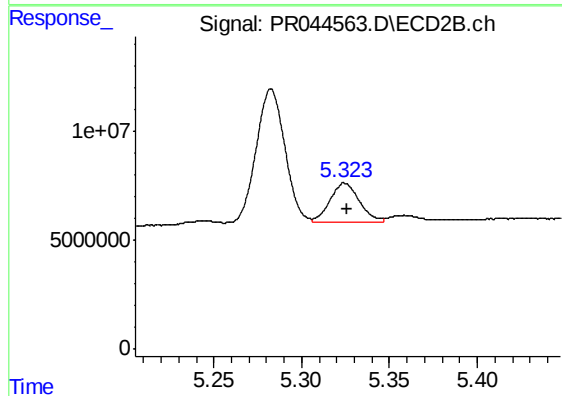
#13 AR-1232-3

R.T.: 5.246 min
Delta R.T.: 0.002 min
Response: 1665374
Conc: 13.99 ng/ml



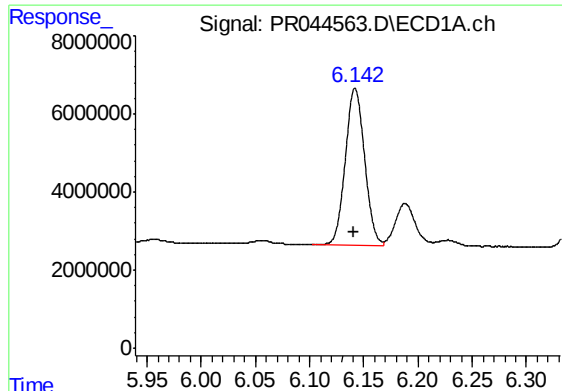
#14 AR-1232-4

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 1127780
Conc: 14.42 ng/ml



#14 AR-1232-4

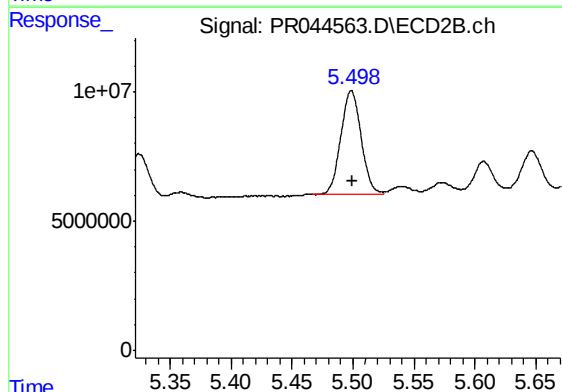
R.T.: 5.325 min
Delta R.T.: -0.002 min
Response: 20883268
Conc: 200.70 ng/ml



#15 AR-1232-5

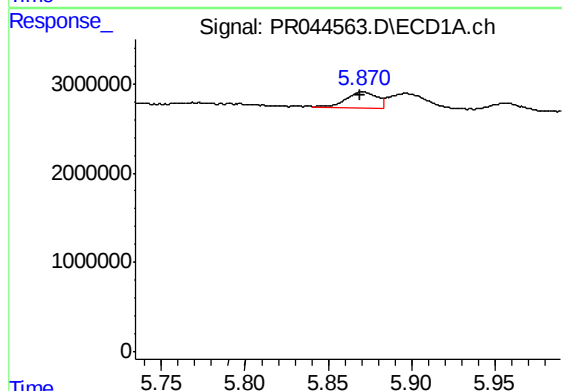
R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 49572444
Conc: 845.27 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254393



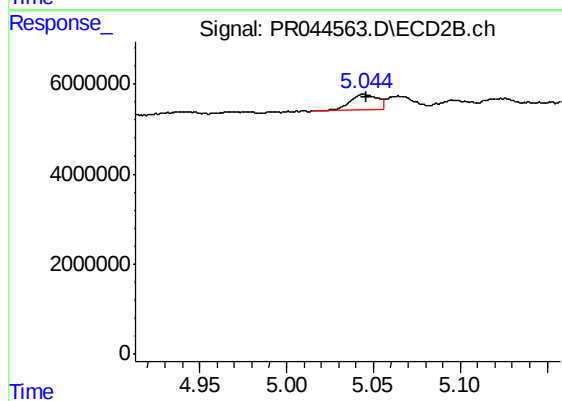
#15 AR-1232-5

R.T.: 5.499 min
Delta R.T.: 0.000 min
Response: 46289523
Conc: 374.60 ng/ml



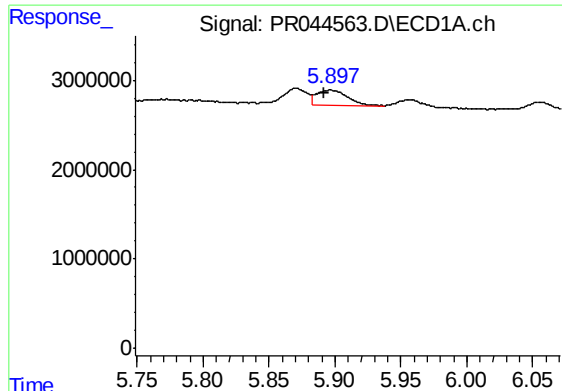
#16 AR-1242-1

R.T.: 5.871 min
Delta R.T.: 0.002 min
Response: 2182568
Conc: 10.27 ng/ml



#16 AR-1242-1

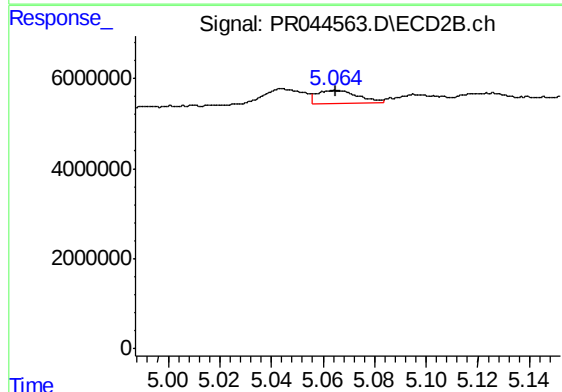
R.T.: 5.045 min
Delta R.T.: -0.001 min
Response: 3799889
Conc: 12.34 ng/ml



#17 AR-1242-2

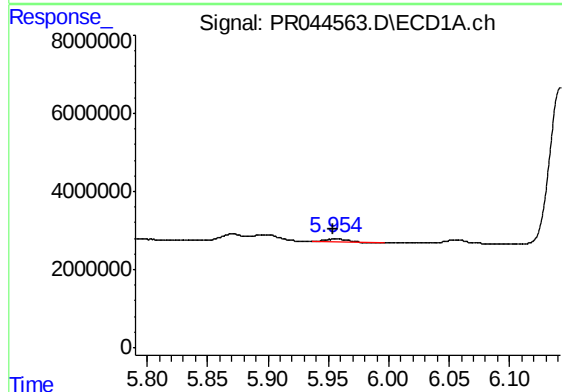
R.T.: 5.896 min
Delta R.T.: 0.004 min
Response: 2731347
Conc: 9.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254393



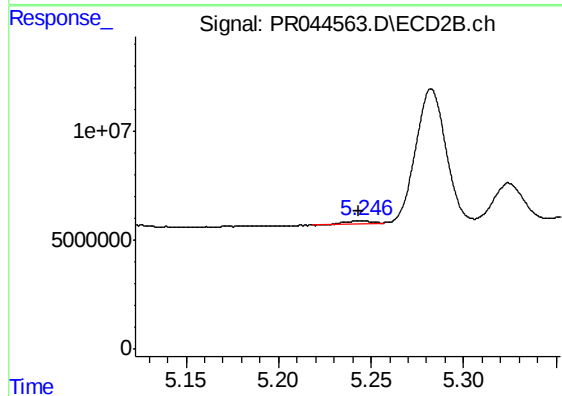
#17 AR-1242-2

R.T.: 5.065 min
Delta R.T.: 0.000 min
Response: 3099025
Conc: 7.26 ng/ml



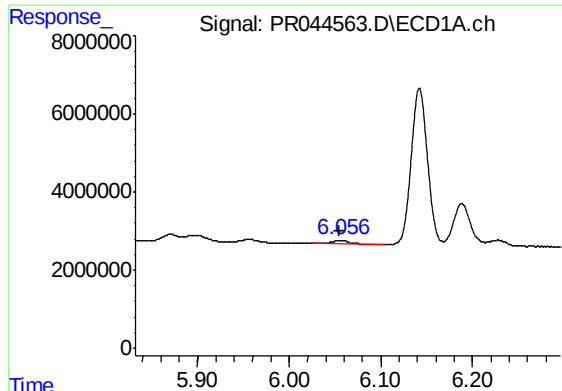
#18 AR-1242-3

R.T.: 5.956 min
Delta R.T.: 0.002 min
Response: 1047978
Conc: 5.82 ng/ml



#18 AR-1242-3

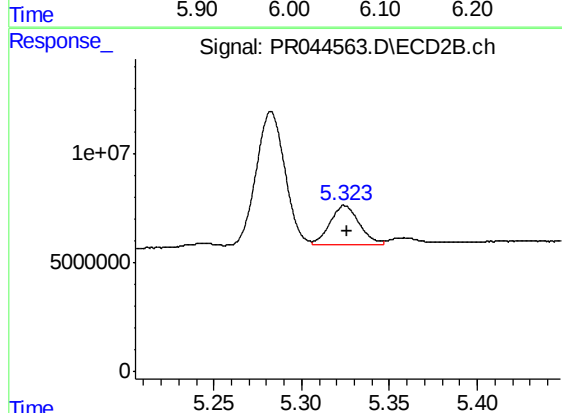
R.T.: 5.246 min
Delta R.T.: 0.003 min
Response: 1665374
Conc: 7.48 ng/ml



#19 AR-1242-4

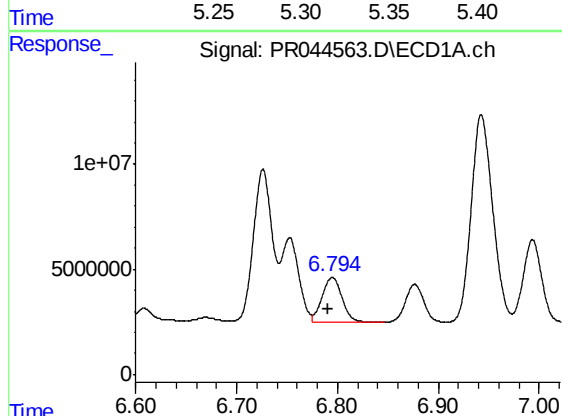
R.T.: 6.056 min
Delta R.T.: 0.001 min
Response: 1127780
Conc: 7.49 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254393



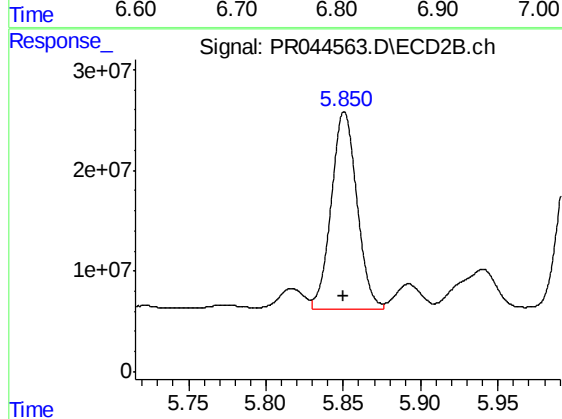
#19 AR-1242-4

R.T.: 5.325 min
Delta R.T.: -0.001 min
Response: 20883268
Conc: 96.92 ng/ml



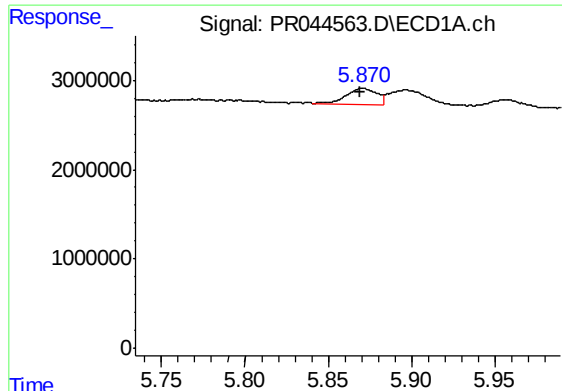
#20 AR-1242-5

R.T.: 6.795 min
Delta R.T.: 0.004 min
Response: 28589100
Conc: 163.21 ng/ml



#20 AR-1242-5

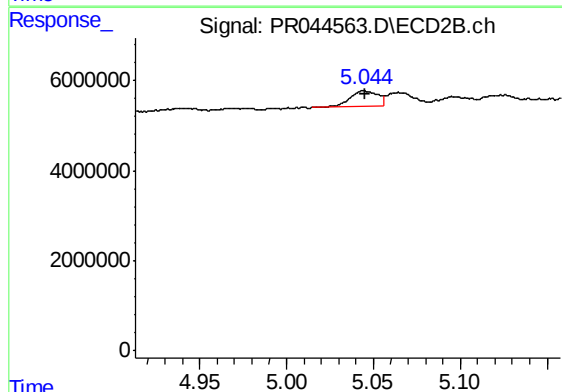
R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 225696138
Conc: 616.62 ng/ml



#21 AR-1248-1

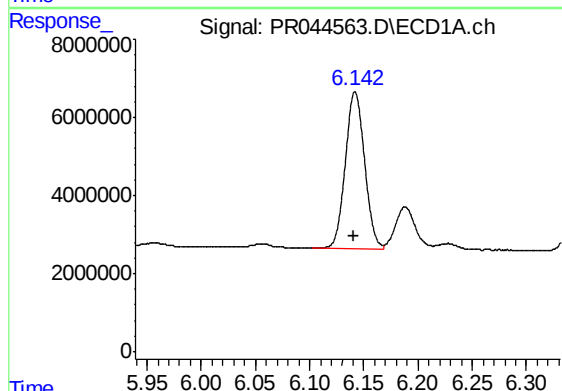
R.T.: 5.871 min
Delta R.T.: 0.002 min
Response: 2182568
Conc: 13.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254393



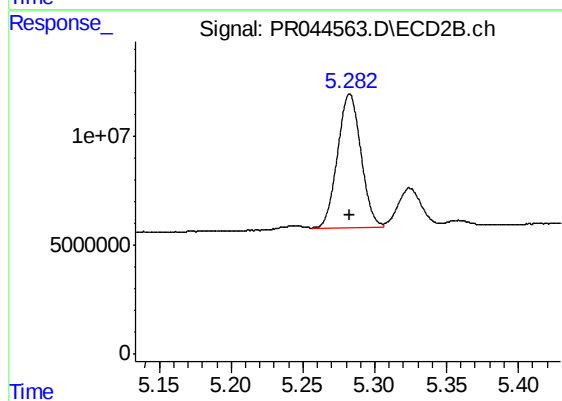
#21 AR-1248-1

R.T.: 5.045 min
Delta R.T.: 0.000 min
Response: 3799889
Conc: 15.42 ng/ml



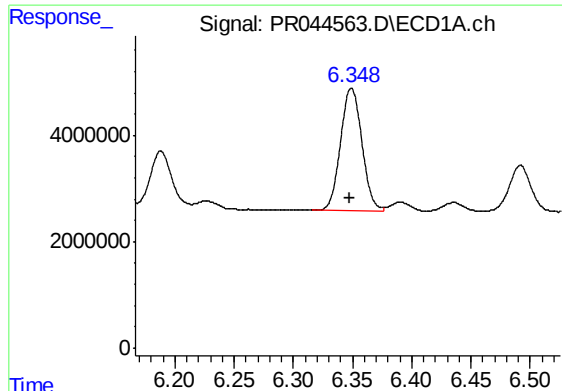
#22 AR-1248-2

R.T.: 6.142 min
Delta R.T.: 0.001 min
Response: 49572444
Conc: 221.67 ng/ml



#22 AR-1248-2

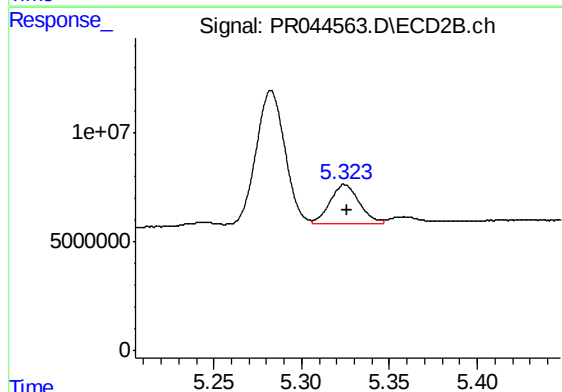
R.T.: 5.283 min
Delta R.T.: 0.000 min
Response: 70596581
Conc: 235.77 ng/ml



#23 AR-1248-3

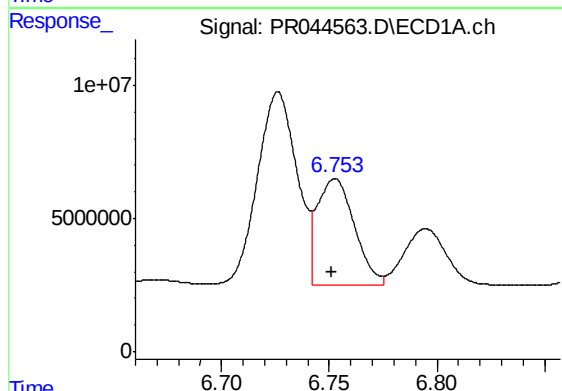
R.T.: 6.349 min
Delta R.T.: 0.001 min
Response: 28979960
Conc: 115.56 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254393



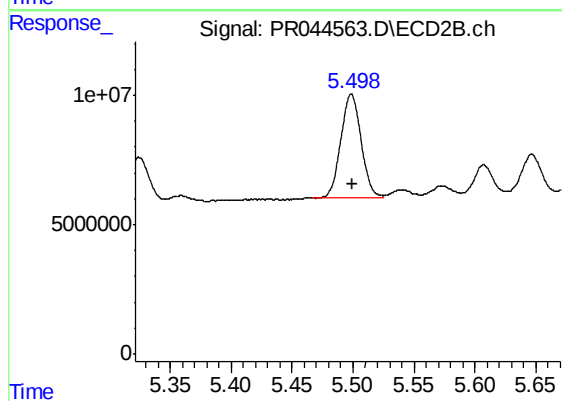
#23 AR-1248-3

R.T.: 5.325 min
Delta R.T.: -0.001 min
Response: 20883268
Conc: 66.99 ng/ml



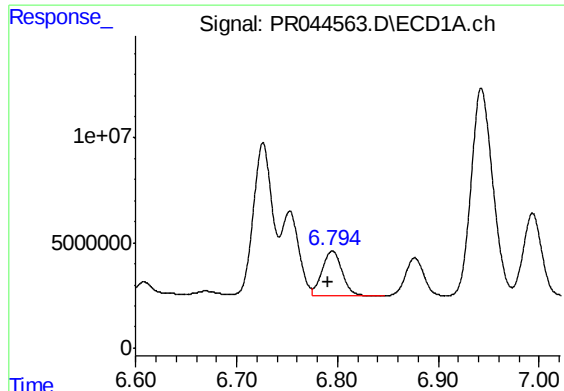
#24 AR-1248-4

R.T.: 6.753 min
Delta R.T.: 0.002 min
Response: 47543620
Conc: 155.75 ng/ml



#24 AR-1248-4

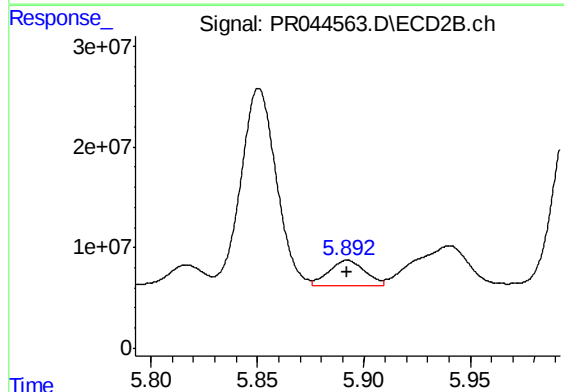
R.T.: 5.499 min
Delta R.T.: 0.000 min
Response: 46289523
Conc: 112.12 ng/ml



#25 AR-1248-5

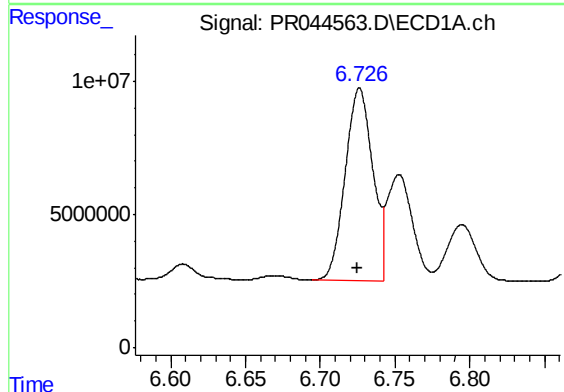
R.T.: 6.795 min
Delta R.T.: 0.004 min
Response: 28589100
Conc: 99.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254393



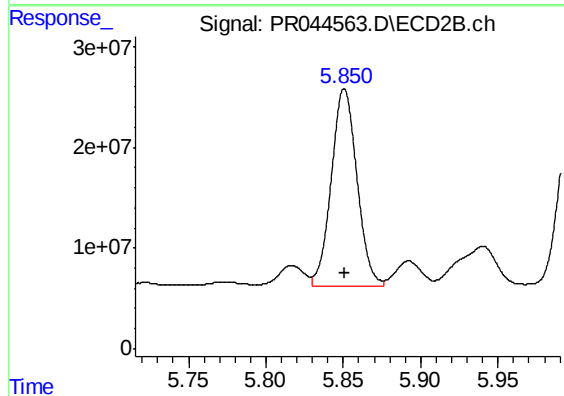
#25 AR-1248-5

R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 28971874
Conc: 58.85 ng/ml



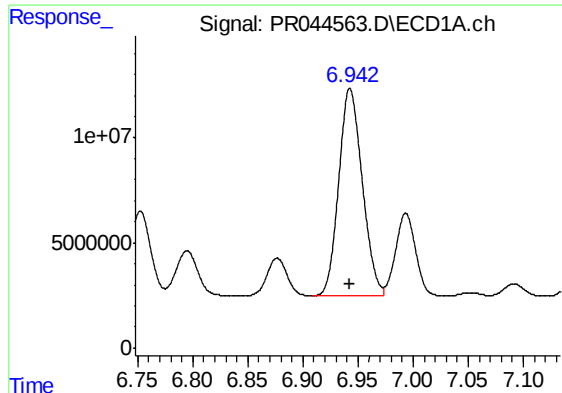
#26 AR-1254-1

R.T.: 6.726 min
Delta R.T.: 0.001 min
Response: 92733586
Conc: 305.23 ng/ml



#26 AR-1254-1

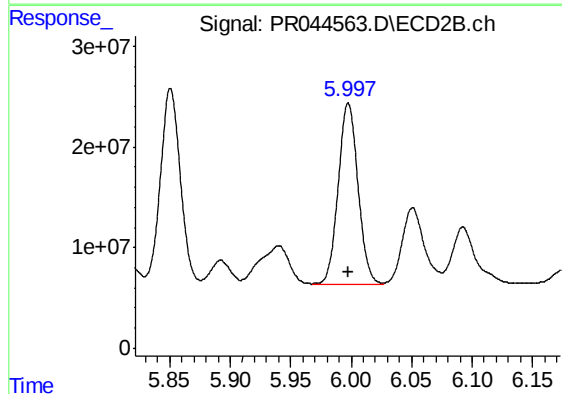
R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 225696138
Conc: 305.68 ng/ml



#27 AR-1254-2

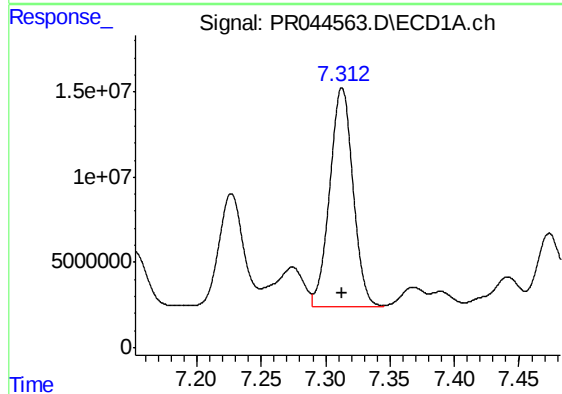
R.T.: 6.943 min
Delta R.T.: 0.000 min
Response: 145992865
Conc: 312.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254393



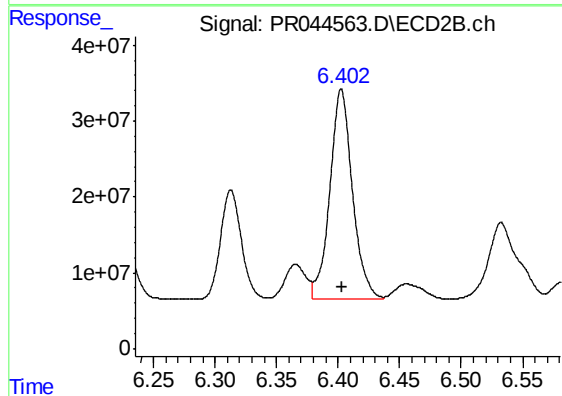
#27 AR-1254-2

R.T.: 5.998 min
Delta R.T.: 0.000 min
Response: 206321217
Conc: 304.77 ng/ml



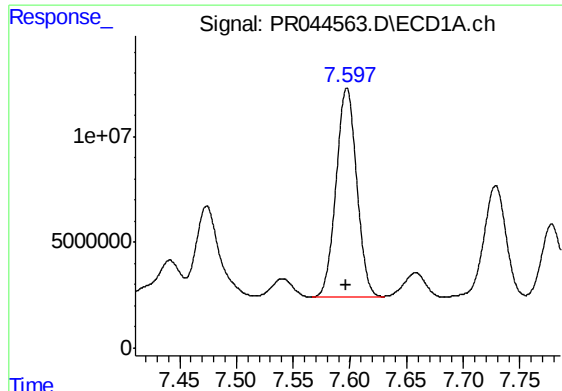
#28 AR-1254-3

R.T.: 7.313 min
Delta R.T.: 0.000 min
Response: 159402902
Conc: 315.18 ng/ml



#28 AR-1254-3

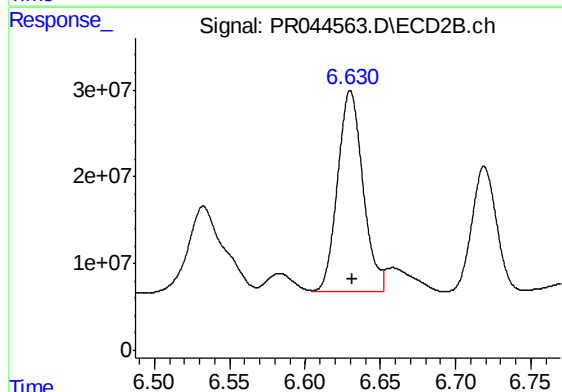
R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 353819057
Conc: 314.95 ng/ml



#29 AR-1254-4

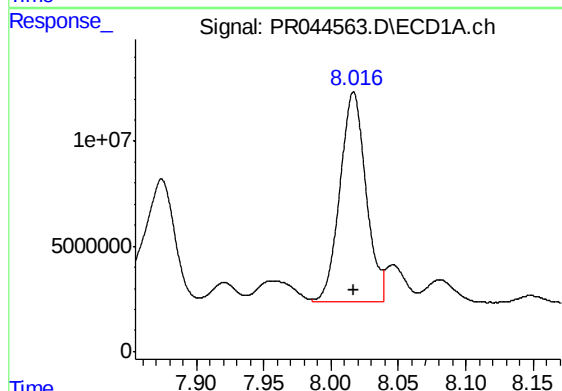
R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 125940558
Conc: 319.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254393



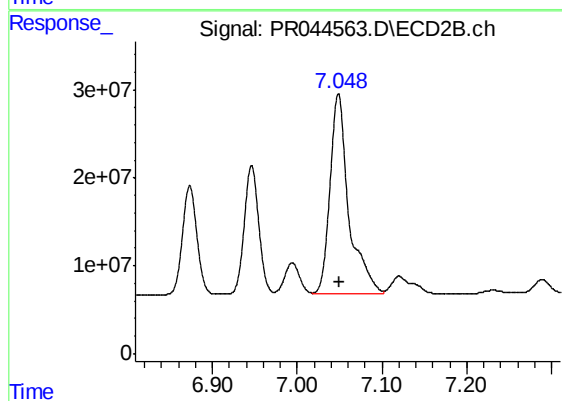
#29 AR-1254-4

R.T.: 6.630 min
Delta R.T.: -0.001 min
Response: 271933400
Conc: 320.39 ng/ml



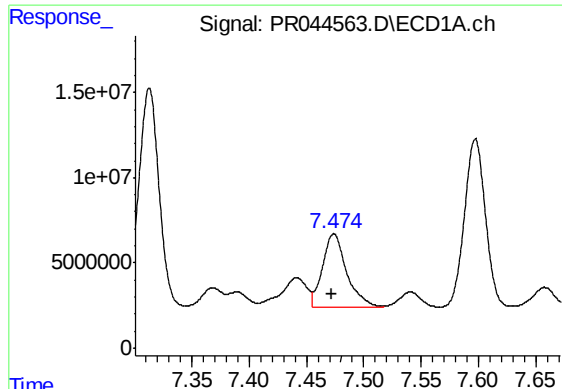
#30 AR-1254-5

R.T.: 8.017 min
Delta R.T.: 0.000 min
Response: 134609075
Conc: 312.23 ng/ml



#30 AR-1254-5

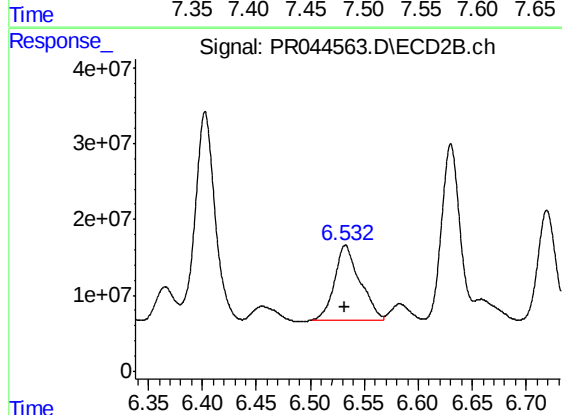
R.T.: 7.049 min
Delta R.T.: -0.001 min
Response: 349401953
Conc: 326.76 ng/ml



#31 AR-1260-1

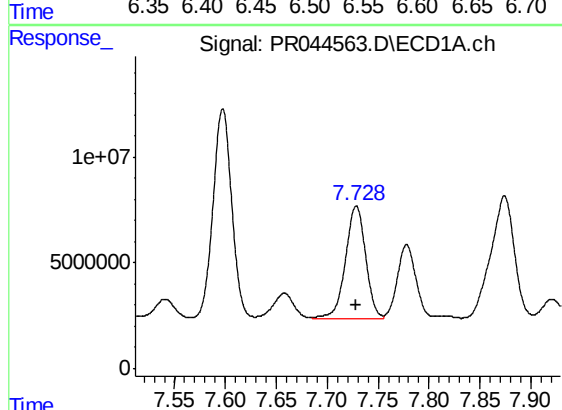
R.T.: 7.474 min
Delta R.T.: 0.001 min
Response: 62867641
Conc: 172.86 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254393



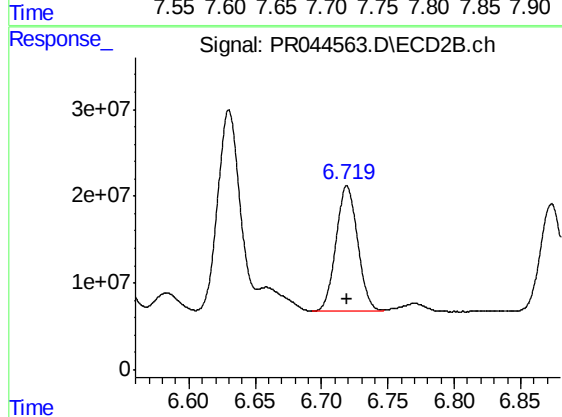
#31 AR-1260-1

R.T.: 6.533 min
Delta R.T.: 0.000 min
Response: 160786732
Conc: 215.80 ng/ml



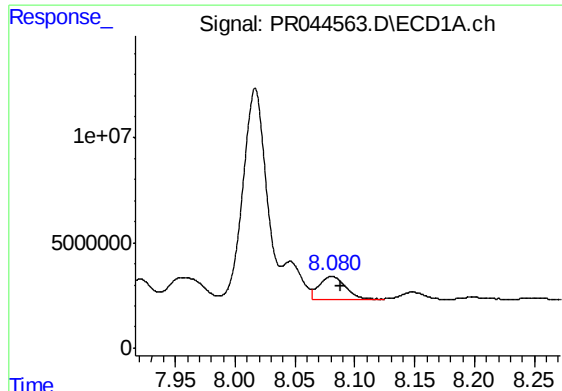
#32 AR-1260-2

R.T.: 7.729 min
Delta R.T.: 0.000 min
Response: 72765637
Conc: 160.43 ng/ml



#32 AR-1260-2

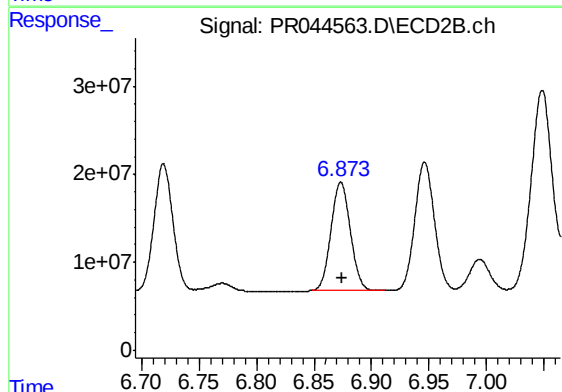
R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 165494376
Conc: 146.34 ng/ml



#33 AR-1260-3

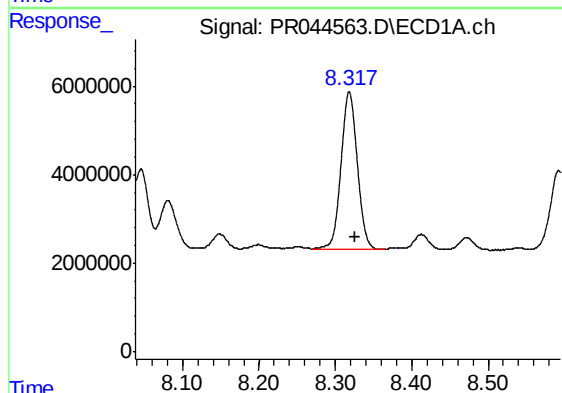
R.T.: 8.081 min
Delta R.T.: -0.008 min
Response: 15981850
Conc: 45.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254393



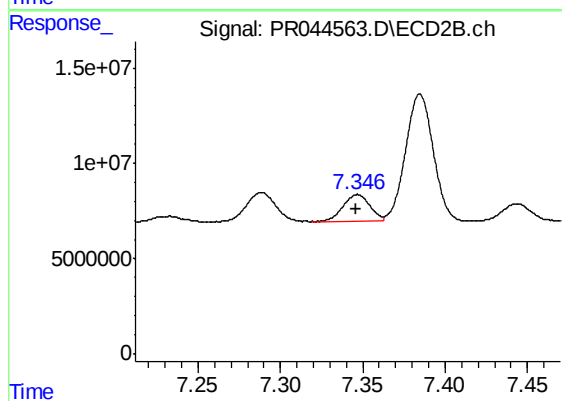
#33 AR-1260-3

R.T.: 6.873 min
Delta R.T.: 0.000 min
Response: 144468748
Conc: 158.38 ng/ml



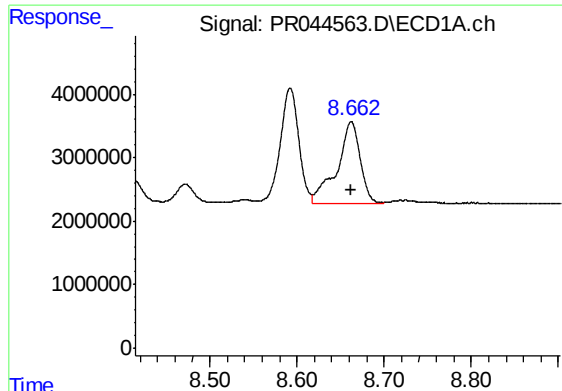
#34 AR-1260-4

R.T.: 8.318 min
Delta R.T.: -0.008 min
Response: 52736320
Conc: 129.93 ng/ml



#34 AR-1260-4

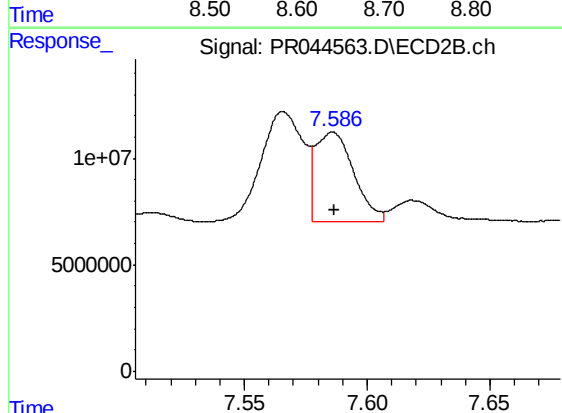
R.T.: 7.347 min
Delta R.T.: 0.000 min
Response: 15948719
Conc: 19.40 ng/ml



#35 AR-1260-5

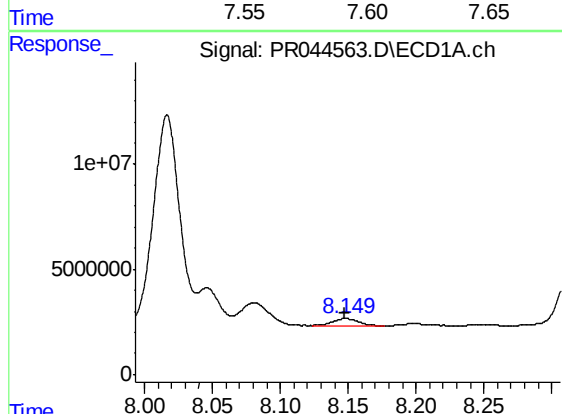
R.T.: 8.662 min
Delta R.T.: 0.000 min
Response: 23491637
Conc: 26.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254393



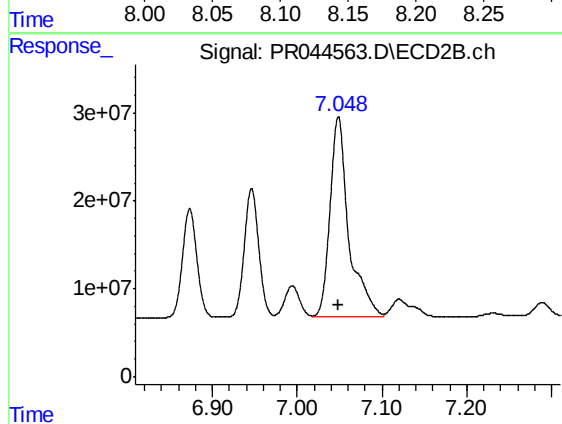
#35 AR-1260-5

R.T.: 7.586 min
Delta R.T.: 0.000 min
Response: 45478737
Conc: 18.42 ng/ml



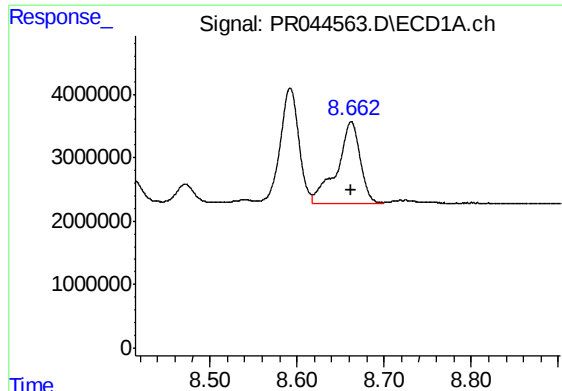
#36 AR-1262-1

R.T.: 8.148 min
Delta R.T.: 0.000 min
Response: 4279843
Conc: 20.53 ng/ml



#36 AR-1262-1

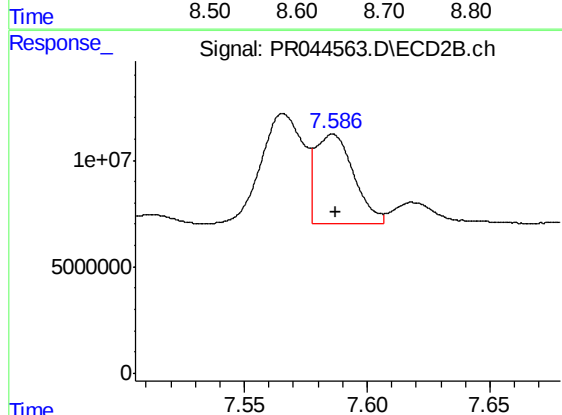
R.T.: 7.049 min
Delta R.T.: 0.000 min
Response: 349401953
Conc: 587.39 ng/ml



#37 AR-1262-2

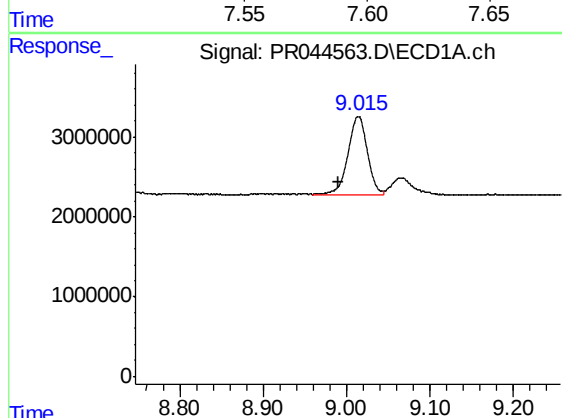
R.T.: 8.662 min
Delta R.T.: 0.000 min
Response: 23491637
Conc: 23.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254393



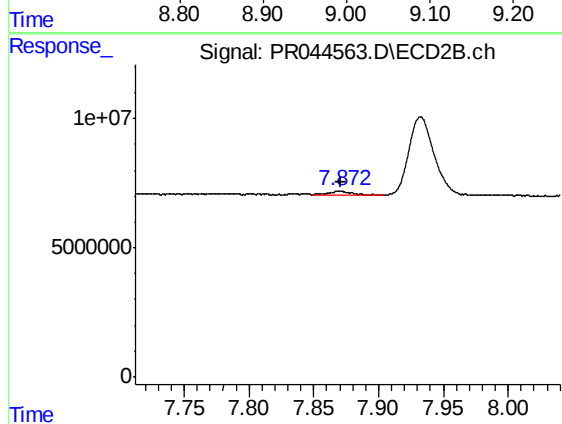
#37 AR-1262-2

R.T.: 7.586 min
Delta R.T.: -0.001 min
Response: 45478737
Conc: 16.73 ng/ml



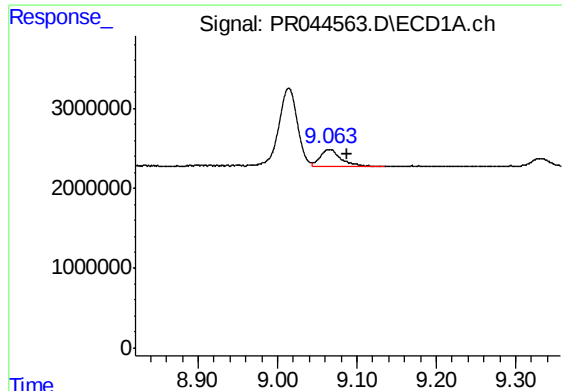
#38 AR-1262-3

R.T.: 9.014 min
Delta R.T.: 0.024 min
Response: 15993439
Conc: 23.78 ng/ml



#38 AR-1262-3

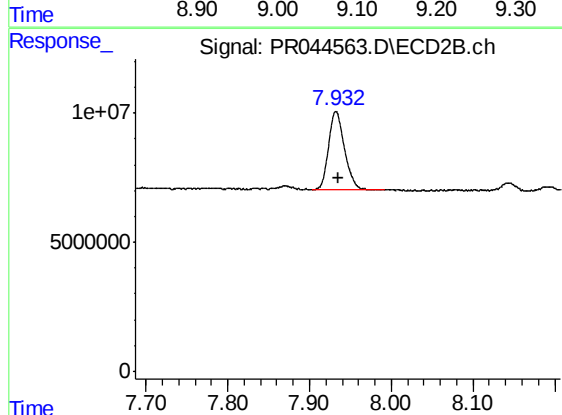
R.T.: 7.872 min
Delta R.T.: 0.000 min
Response: 1873538
Conc: 1.70 ng/ml



#39 AR-1262-4

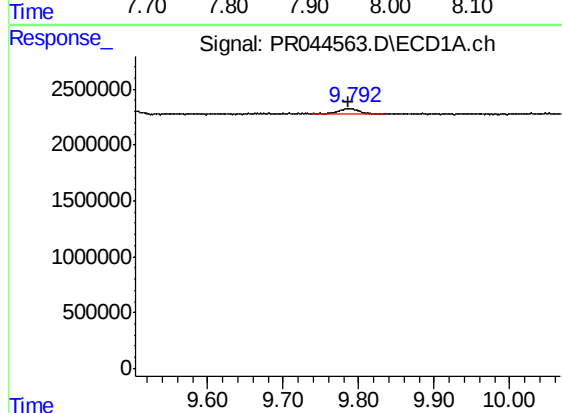
R.T.: 9.065 min
Delta R.T.: -0.022 min
Response: 3949547
Conc: 7.68 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254393



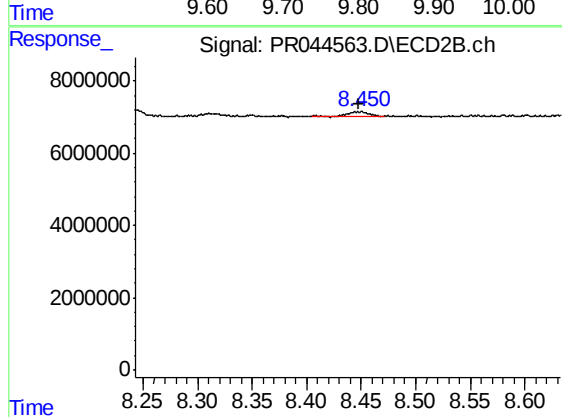
#39 AR-1262-4

R.T.: 7.932 min
Delta R.T.: -0.004 min
Response: 41041472
Conc: 22.74 ng/ml



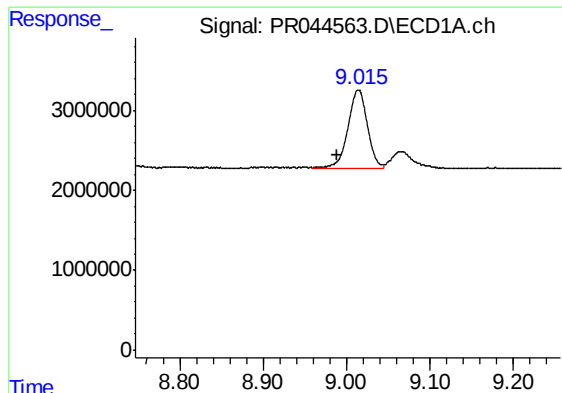
#40 AR-1262-5

R.T.: 9.785 min
Delta R.T.: -0.002 min
Response: 1154369
Conc: 3.08 ng/ml



#40 AR-1262-5

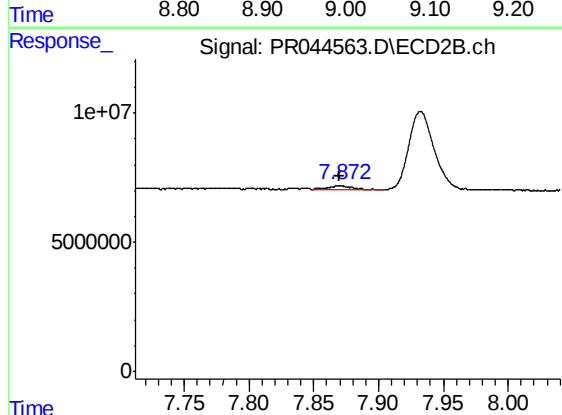
R.T.: 8.450 min
Delta R.T.: 0.002 min
Response: 1990485
Conc: 2.39 ng/ml



#41 AR-1268-1

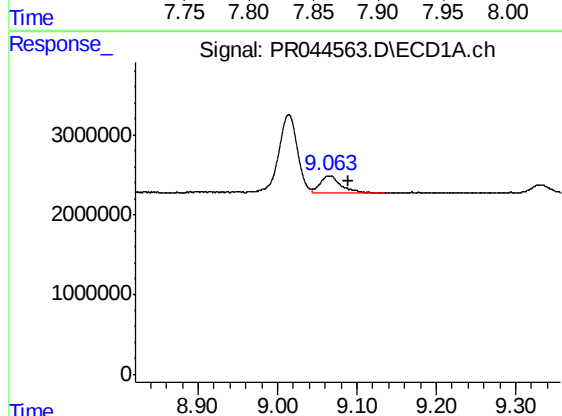
R.T.: 9.014 min
Delta R.T.: 0.026 min
Response: 15993439
Conc: 14.07 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254393



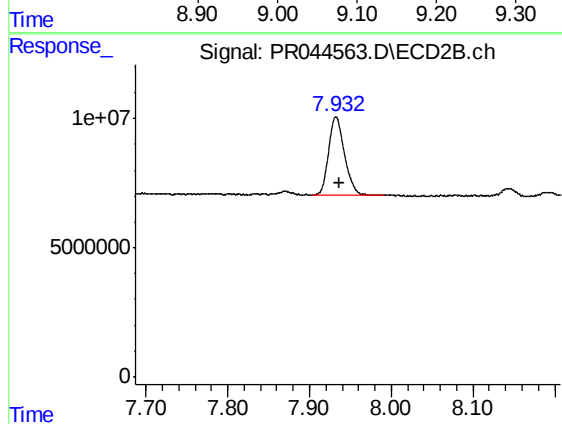
#41 AR-1268-1

R.T.: 7.872 min
Delta R.T.: 0.001 min
Response: 1873538
Conc: 0.63 ng/ml



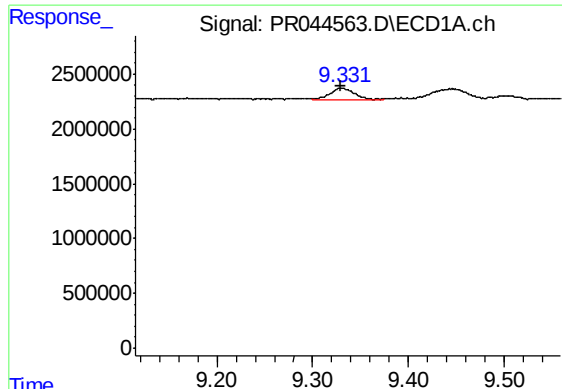
#42 AR-1268-2

R.T.: 9.065 min
Delta R.T.: -0.024 min
Response: 3949547
Conc: 3.67 ng/ml



#42 AR-1268-2

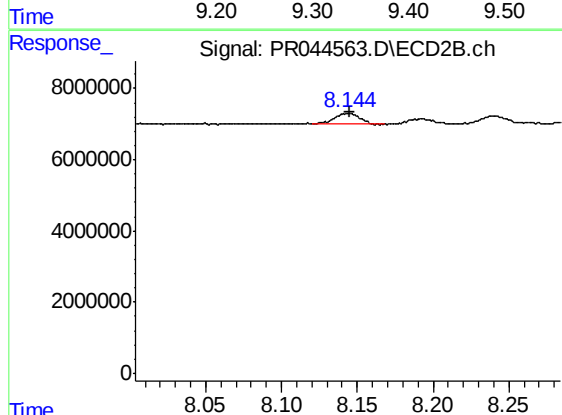
R.T.: 7.932 min
Delta R.T.: -0.004 min
Response: 41041472
Conc: 16.28 ng/ml



#43 AR-1268-3

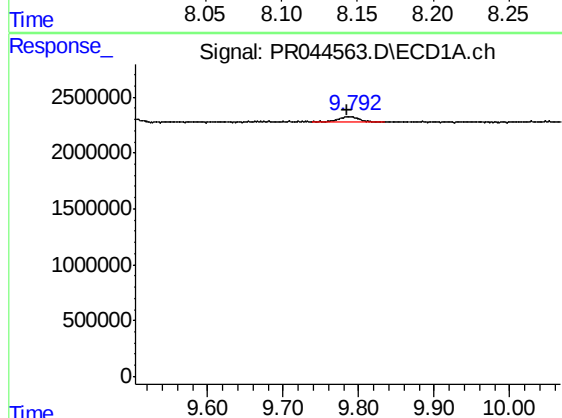
R.T.: 9.332 min
Delta R.T.: 0.002 min
Response: 1703759
Conc: 1.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254393



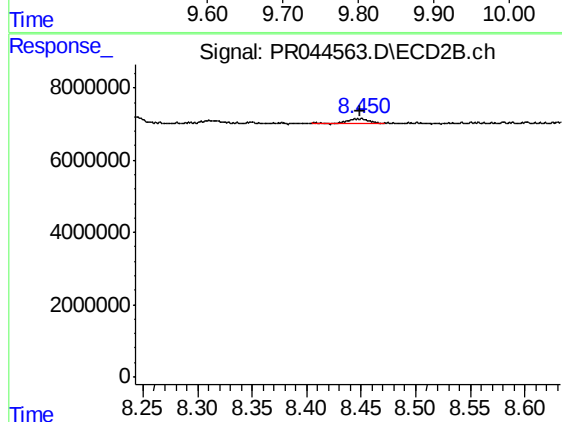
#43 AR-1268-3

R.T.: 8.144 min
Delta R.T.: -0.001 min
Response: 3641313
Conc: 1.71 ng/ml



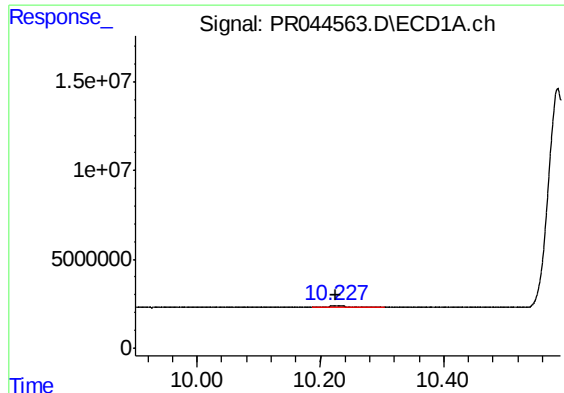
#44 AR-1268-4

R.T.: 9.785 min
Delta R.T.: 0.000 min
Response: 1154369
Conc: 2.88 ng/ml



#44 AR-1268-4

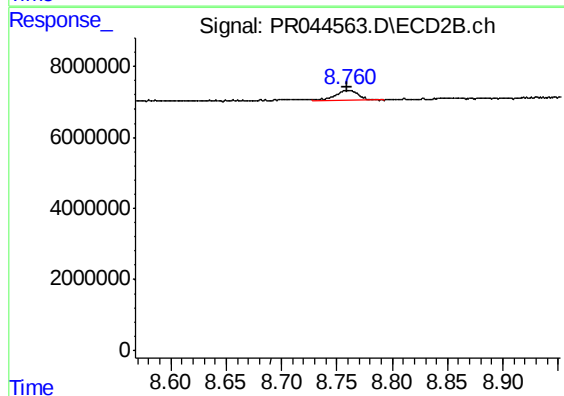
R.T.: 8.450 min
Delta R.T.: 0.001 min
Response: 1990485
Conc: 2.26 ng/ml



#45 AR-1268-5

R.T.: 10.227 min
Delta R.T.: 0.000 min
Response: 2249980
Conc: 0.71 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254393



#45 AR-1268-5

R.T.: 8.760 min
Delta R.T.: 0.000 min
Response: 4199672
Conc: 0.68 ng/ml