

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121520\
 Data File : PR048978.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Dec 2020 11:10
 Operator : DD\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1660393

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 16 02:44:18 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...	4.689	3.845	45757406	86925471	17.315	20.436
2)	SA Decachlor...	10.595	8.926	90514625	353.3E6	34.494	41.211
Target Compounds							
3)	L1 AR-1016-1	5.865	4.931	35874809	33704910	364.854	466.948 #
4)	L1 AR-1016-2	5.888	4.949	49987405	72857590	352.619	474.828 #
5)	L1 AR-1016-3	5.951	5.126	30904483	38606643	355.565	451.168 #
6)	L1 AR-1016-4	6.052	5.167	25648161	17145261	359.757	461.267 #
7)	L1 AR-1016-5	6.346	5.382	25296784	25663830	359.850	455.935 #
8)	L2 AR-1221-1	4.895	4.054	3227052	4482688	102.853	110.464
9)	L2 AR-1221-2	4.985	4.142	4199385	7512012	187.884	209.345
10)	L2 AR-1221-3	5.063	4.218	17459517	30812454	239.234	280.418
11)	L3 AR-1232-1	5.063	4.218	17459517	30812454	288.725	341.727
12)	L3 AR-1232-2	5.597	4.949	24040978	72857590	773.789	1015.016 #
13)	L3 AR-1232-3	5.888	5.126	49987405	38606643	777.169	983.779 #
14)	L3 AR-1232-4	6.052	5.210	25648161	22806730	802.908	1216.787 #
15)	L3 AR-1232-5	6.138	5.382	23328933	25663830	942.881	1122.820
16)	L4 AR-1242-1	5.865	4.931	35874809	33704910	436.439	542.706
17)	L4 AR-1242-2	5.888	4.949	49987405	72857590	434.847	549.046 #
18)	L4 AR-1242-3	5.951	5.126	30904483	38606643	434.597	528.464
19)	L4 AR-1242-4	6.052	5.210	25648161	22806730	439.903	537.452
20)	L4 AR-1242-5	6.790	5.735	4115080	17337316	62.326	266.828 #
21)	L5 AR-1248-1	5.865	4.931	35874809	33704910	593.834	714.765
22)	L5 AR-1248-2	6.138	5.167	23328933	17145261	274.875	327.254
23)	L5 AR-1248-3	6.346	5.210	25296784	22806730	274.457	373.669 #
24)	L5 AR-1248-4	6.749	5.382	4384776	25663830	40.131	332.451 #
25)	L5 AR-1248-5	6.790	5.777	4115080	5101315	39.124	47.349
26)	L6 AR-1254-1	6.724	5.735	18318011	17337316	167.183	144.868
27)	L6 AR-1254-2	6.940	5.883	19324269	21018774	115.996	170.271 #
28)	L6 AR-1254-3	7.312	6.305	11130093	60877527	63.736	241.282 #
29)	L6 AR-1254-4	7.598	6.520	8010308	13053813	59.303	42.479 #
30)	L6 AR-1254-5	8.017	6.939	59456516	170.7E6	414.862	390.794
31)	L7 AR-1260-1	7.474	6.420	42372589	53000090	350.056	414.683
32)	L7 AR-1260-2	7.729	6.610	51164499	194.9E6	340.672	421.080
33)	L7 AR-1260-3	8.091	6.764	40292080	118.1E6	349.501	419.900
34)	L7 AR-1260-4	8.329	7.240	45510898	145.5E6	343.109	427.566
35)	L7 AR-1260-5	8.666	7.486	90824662	607.2E6	340.345	428.660 #
36)	L8 AR-1262-1	8.091	6.939	40292080	170.7E6	239.938	736.676 #
37)	L8 AR-1262-2	8.666	7.486	90824662	607.2E6	298.428	396.715 #
38)	L8 AR-1262-3	9.016	7.773	61349533	133.4E6	287.518	208.529 #
39)	L8 AR-1262-4	9.073	7.838	40236464	386.7E6	243.771	365.601 #
40)	L8 AR-1262-5	9.791	8.351	31409860	145.7E6	256.472	356.618 #
41)	L9 AR-1268-1	9.016	7.773	61349533	133.4E6	165.795	68.315 #
42)	L9 AR-1268-2	9.073	7.838	40236464	386.7E6	116.133	226.235 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121520\
 Data File : PR048978.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Dec 2020 11:10
 Operator : DD\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

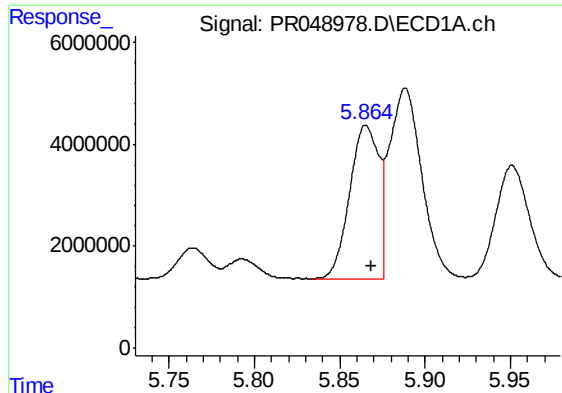
Instrument :
 ECD_R
 ClientSampleId :
 AR1660393

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 16 02:44:18 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR113020CLP.M
 Quant Title : GC EXTRACTABLES
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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	9.336	8.048	2136046	6932051	7.147	4.713 #
44) L9	AR-1268-4	9.791	8.351	31409860	145.7E6	231.283	295.363 #
45) L9	AR-1268-5	10.232	8.659	9739966	32502379	9.628	8.201

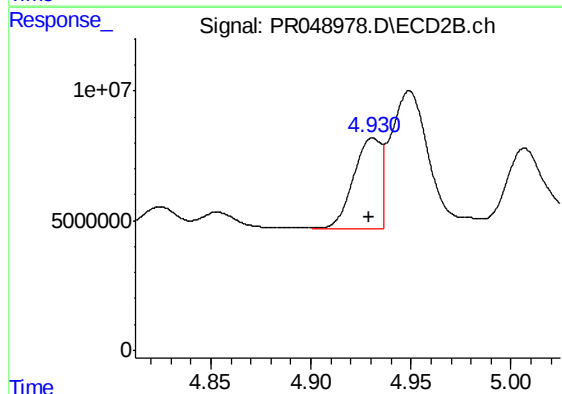
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

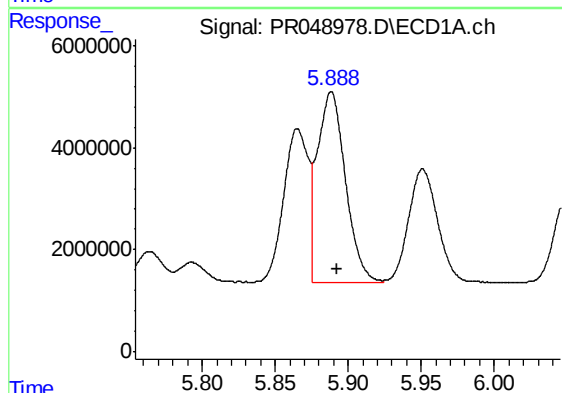
R.T.: 5.865 min
Delta R.T.: -0.003 min
Response: 35874809
Conc: 364.85 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660393



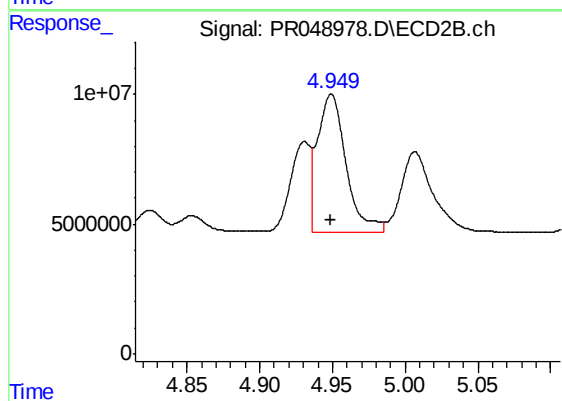
#3 AR-1016-1

R.T.: 4.931 min
Delta R.T.: 0.002 min
Response: 33704910
Conc: 466.95 ng/ml



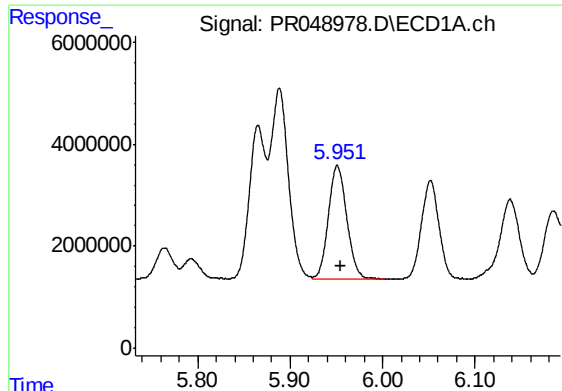
#4 AR-1016-2

R.T.: 5.888 min
Delta R.T.: -0.004 min
Response: 49987405
Conc: 352.62 ng/ml



#4 AR-1016-2

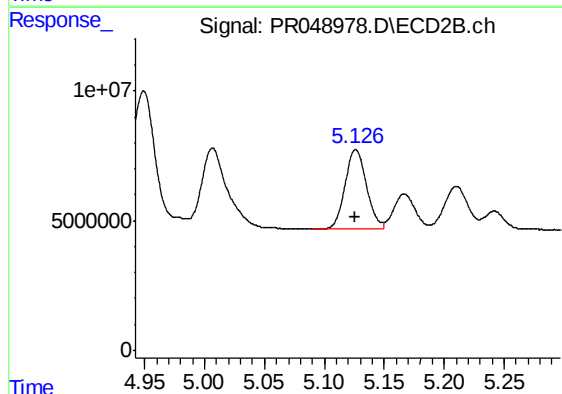
R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 72857590
Conc: 474.83 ng/ml



#5 AR-1016-3

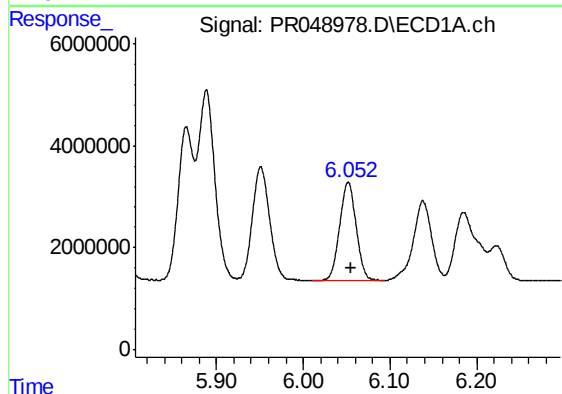
R.T.: 5.951 min
Delta R.T.: -0.004 min
Response: 30904483
Conc: 355.56 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660393



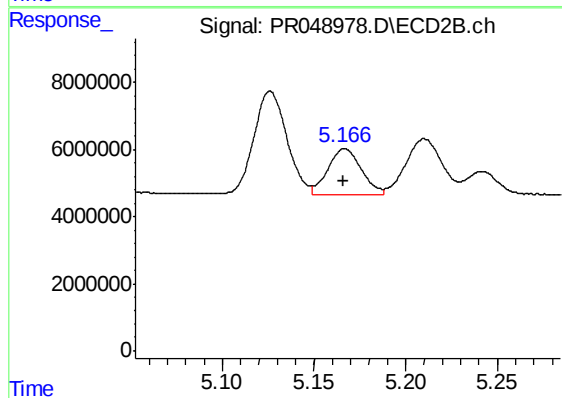
#5 AR-1016-3

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 38606643
Conc: 451.17 ng/ml



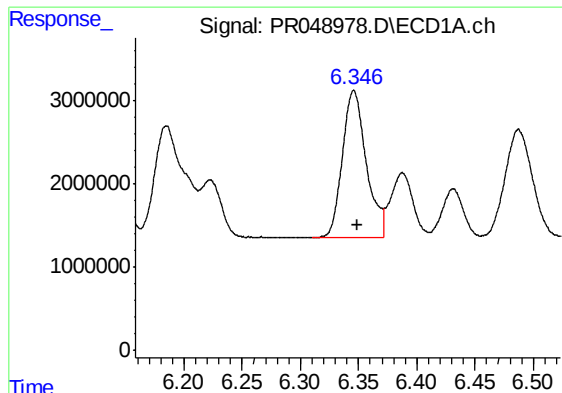
#6 AR-1016-4

R.T.: 6.052 min
Delta R.T.: -0.003 min
Response: 25648161
Conc: 359.76 ng/ml



#6 AR-1016-4

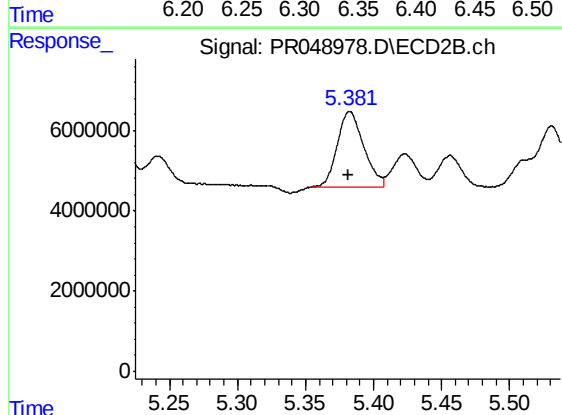
R.T.: 5.167 min
Delta R.T.: 0.000 min
Response: 17145261
Conc: 461.27 ng/ml



#7 AR-1016-5

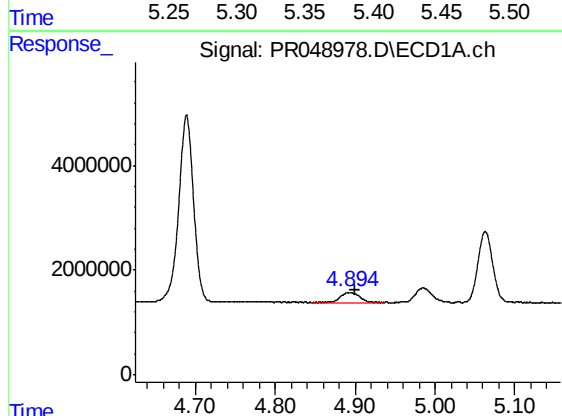
R.T.: 6.346 min
Delta R.T.: -0.003 min
Response: 25296784
Conc: 359.85 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660393



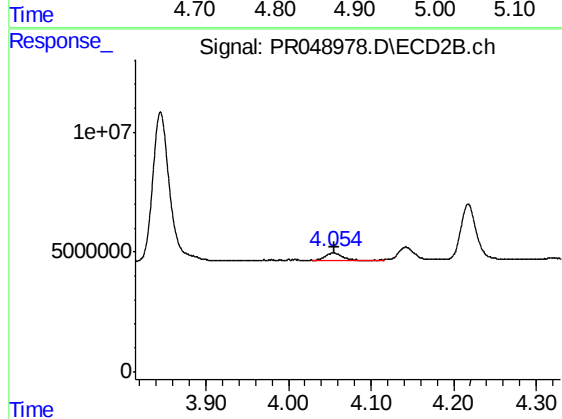
#7 AR-1016-5

R.T.: 5.382 min
Delta R.T.: 0.001 min
Response: 25663830
Conc: 455.94 ng/ml



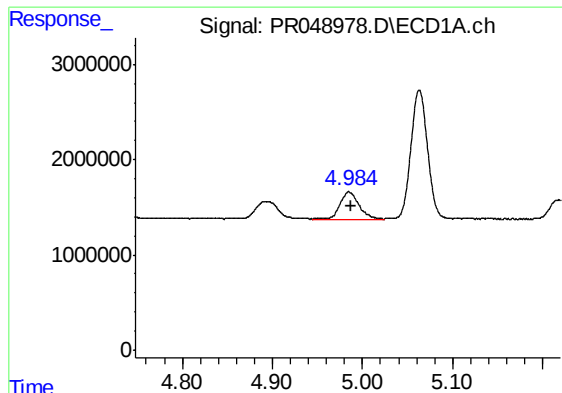
#8 AR-1221-1

R.T.: 4.895 min
Delta R.T.: -0.006 min
Response: 3227052
Conc: 102.85 ng/ml



#8 AR-1221-1

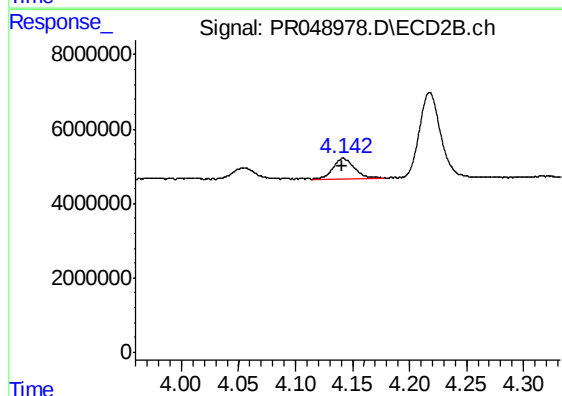
R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 4482688
Conc: 110.46 ng/ml



#9 AR-1221-2

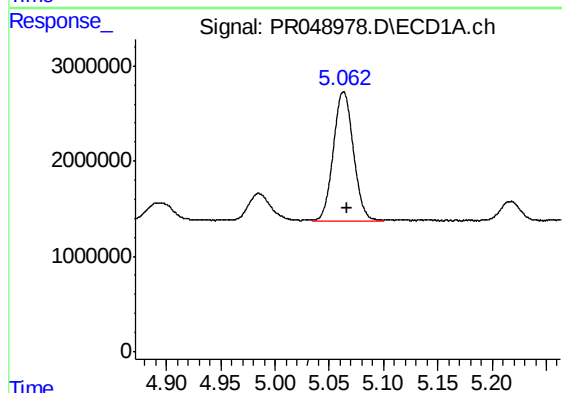
R.T.: 4.985 min
Delta R.T.: -0.003 min
Response: 4199385
Conc: 187.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660393



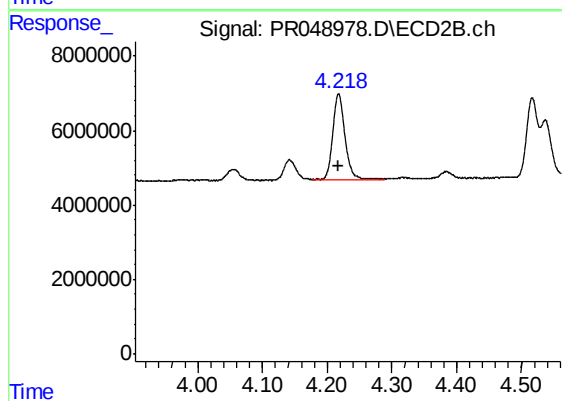
#9 AR-1221-2

R.T.: 4.142 min
Delta R.T.: 0.000 min
Response: 7512012
Conc: 209.34 ng/ml



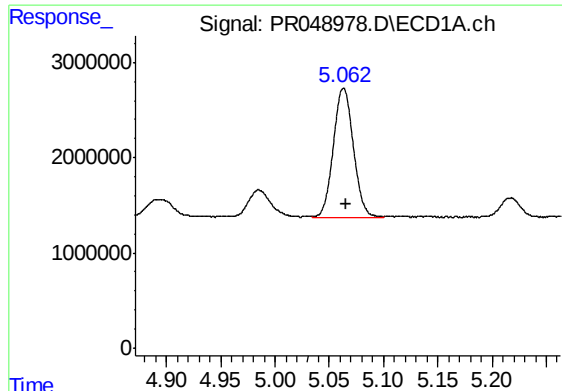
#10 AR-1221-3

R.T.: 5.063 min
Delta R.T.: -0.003 min
Response: 17459517
Conc: 239.23 ng/ml



#10 AR-1221-3

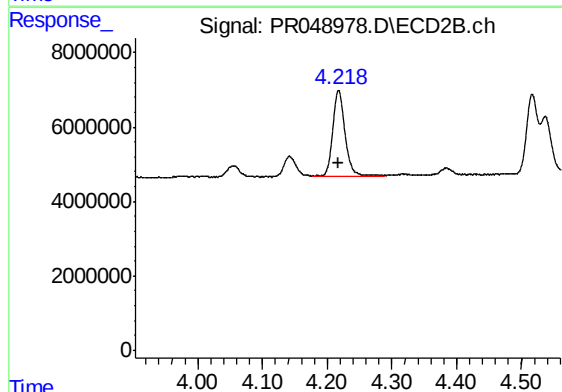
R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 30812454
Conc: 280.42 ng/ml



#11 AR-1232-1

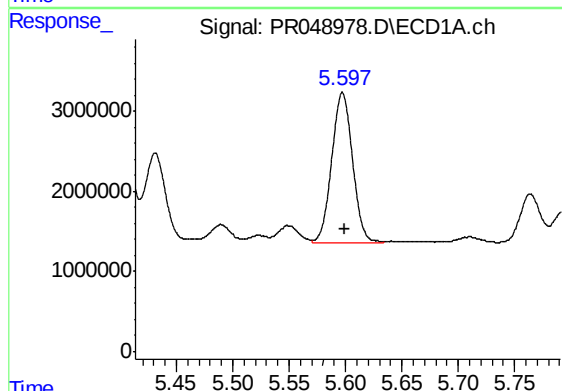
R.T.: 5.063 min
Delta R.T.: -0.002 min
Response: 17459517
Conc: 288.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660393



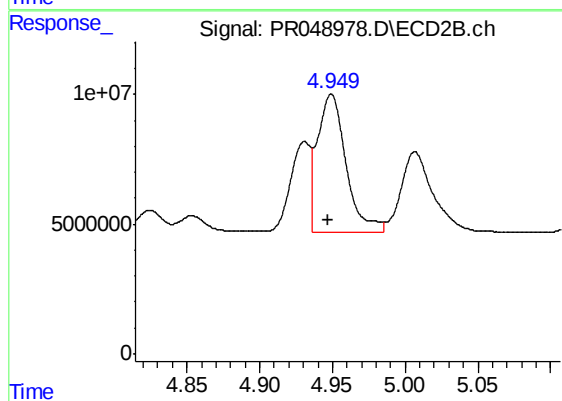
#11 AR-1232-1

R.T.: 4.218 min
Delta R.T.: 0.001 min
Response: 30812454
Conc: 341.73 ng/ml



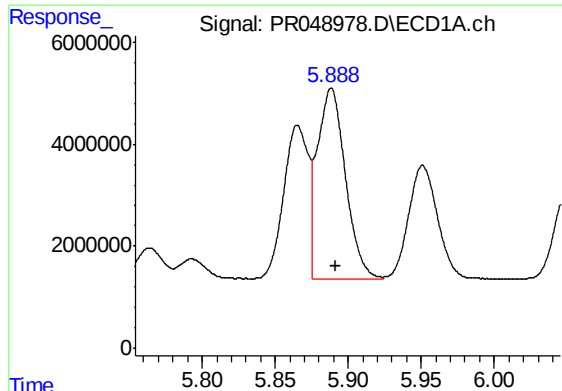
#12 AR-1232-2

R.T.: 5.597 min
Delta R.T.: -0.002 min
Response: 24040978
Conc: 773.79 ng/ml



#12 AR-1232-2

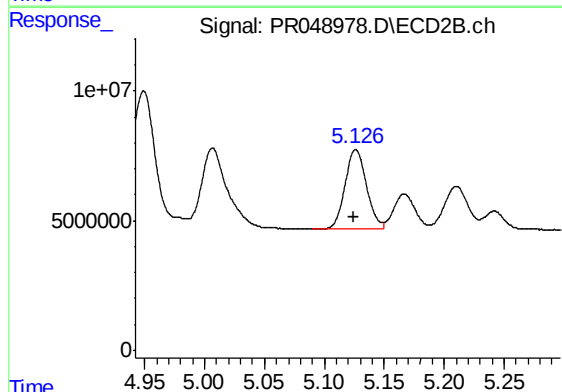
R.T.: 4.949 min
Delta R.T.: 0.002 min
Response: 72857590
Conc: 1015.02 ng/ml



#13 AR-1232-3

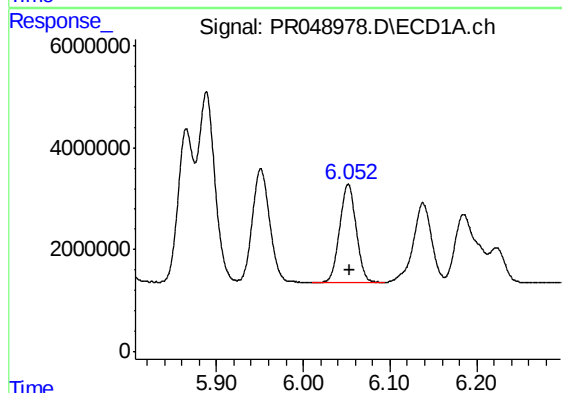
R.T.: 5.888 min
Delta R.T.: -0.003 min
Response: 49987405
Conc: 777.17 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660393



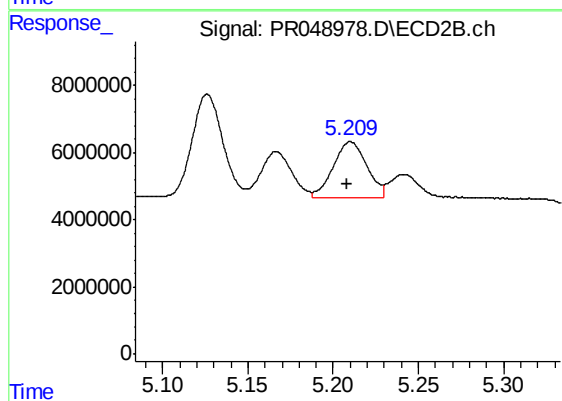
#13 AR-1232-3

R.T.: 5.126 min
Delta R.T.: 0.002 min
Response: 38606643
Conc: 983.78 ng/ml



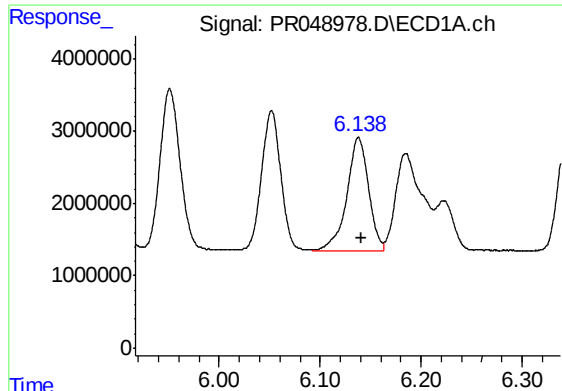
#14 AR-1232-4

R.T.: 6.052 min
Delta R.T.: -0.001 min
Response: 25648161
Conc: 802.91 ng/ml



#14 AR-1232-4

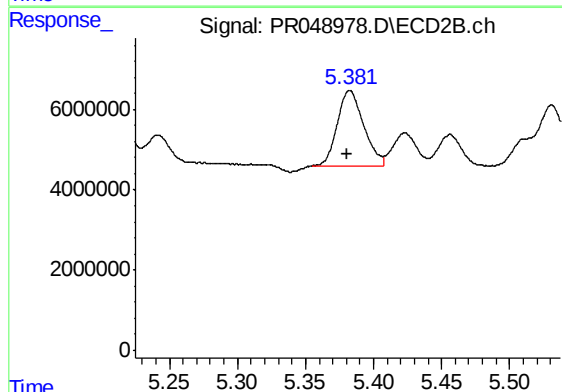
R.T.: 5.210 min
Delta R.T.: 0.002 min
Response: 22806730
Conc: 1216.79 ng/ml



#15 AR-1232-5

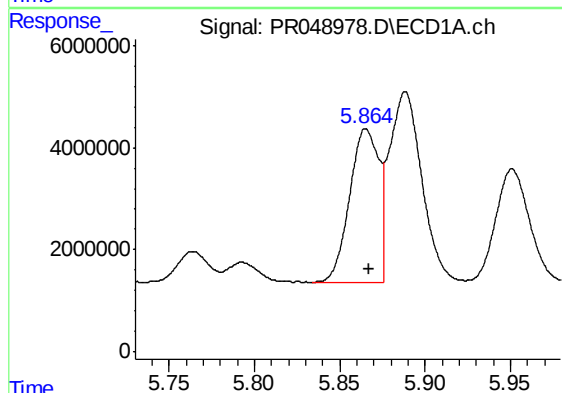
R.T.: 6.138 min
Delta R.T.: -0.003 min
Response: 23328933
Conc: 942.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660393



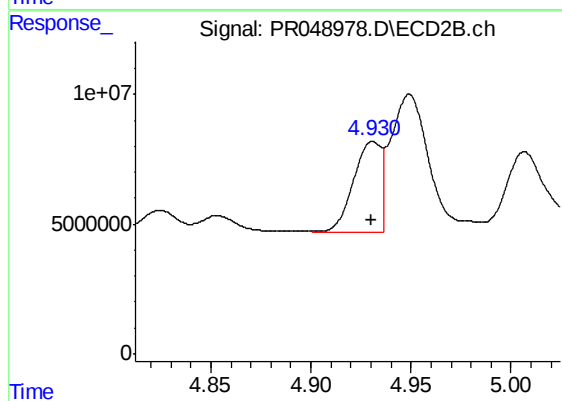
#15 AR-1232-5

R.T.: 5.382 min
Delta R.T.: 0.002 min
Response: 25663830
Conc: 1122.82 ng/ml



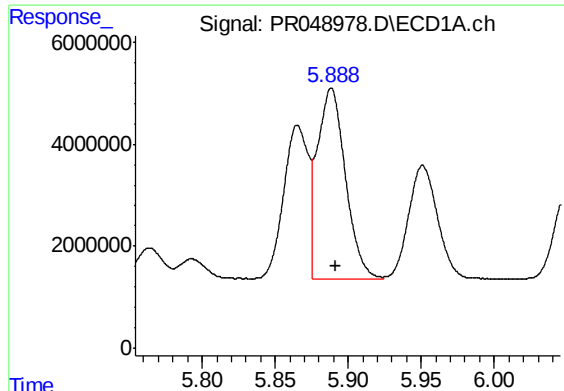
#16 AR-1242-1

R.T.: 5.865 min
Delta R.T.: -0.002 min
Response: 35874809
Conc: 436.44 ng/ml



#16 AR-1242-1

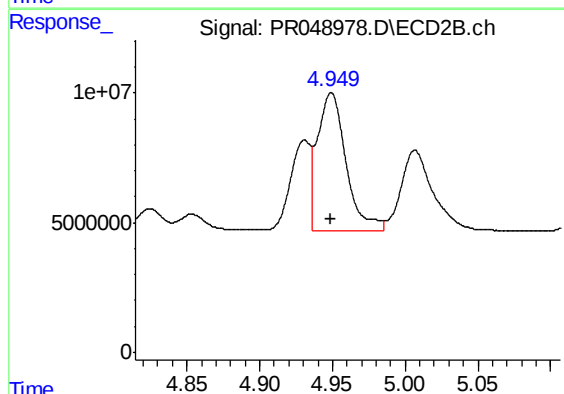
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 33704910
Conc: 542.71 ng/ml



#17 AR-1242-2

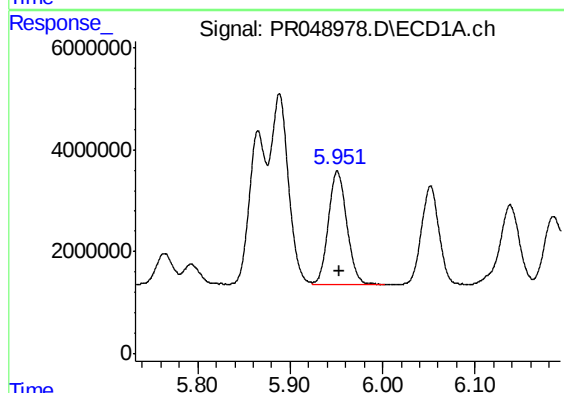
R.T.: 5.888 min
Delta R.T.: -0.003 min
Response: 49987405
Conc: 434.85 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660393



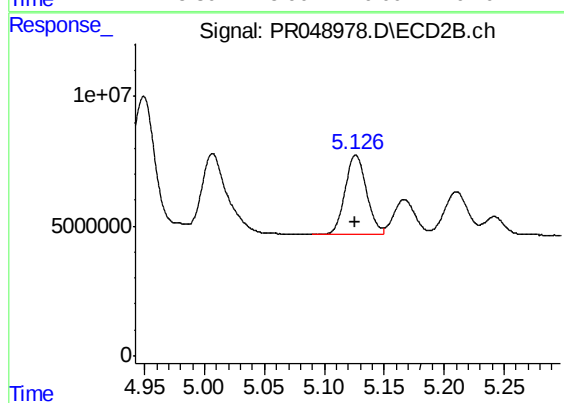
#17 AR-1242-2

R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 72857590
Conc: 549.05 ng/ml



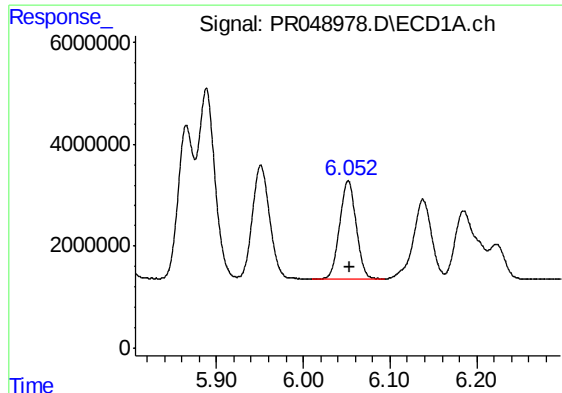
#18 AR-1242-3

R.T.: 5.951 min
Delta R.T.: -0.003 min
Response: 30904483
Conc: 434.60 ng/ml



#18 AR-1242-3

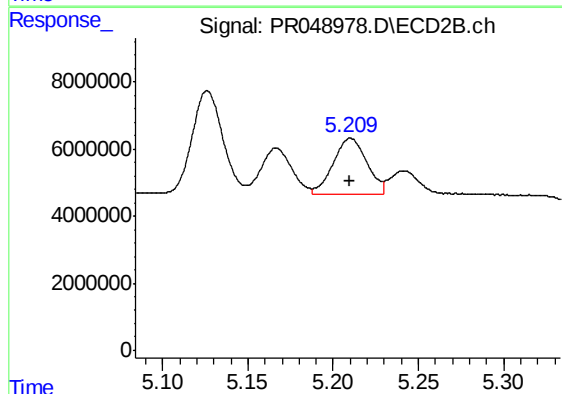
R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 38606643
Conc: 528.46 ng/ml



#19 AR-1242-4

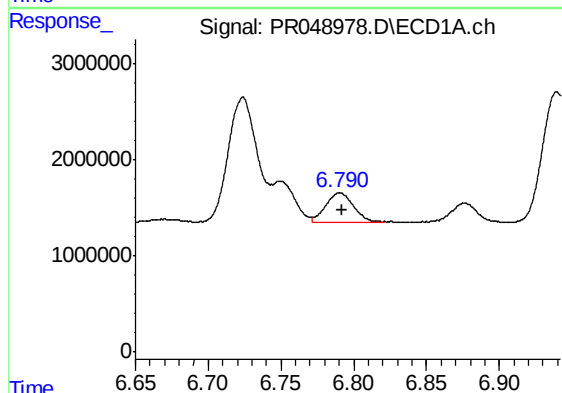
R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 25648161
Conc: 439.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660393



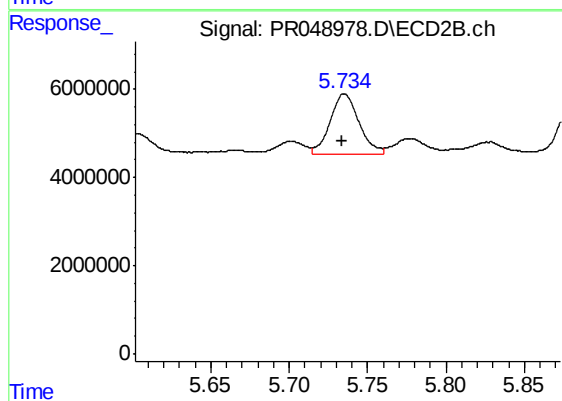
#19 AR-1242-4

R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 22806730
Conc: 537.45 ng/ml



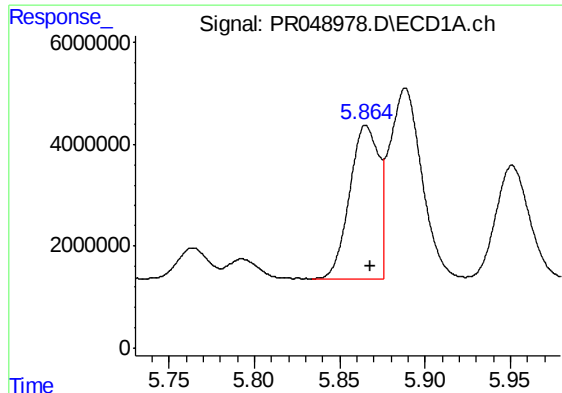
#20 AR-1242-5

R.T.: 6.790 min
Delta R.T.: -0.002 min
Response: 4115080
Conc: 62.33 ng/ml



#20 AR-1242-5

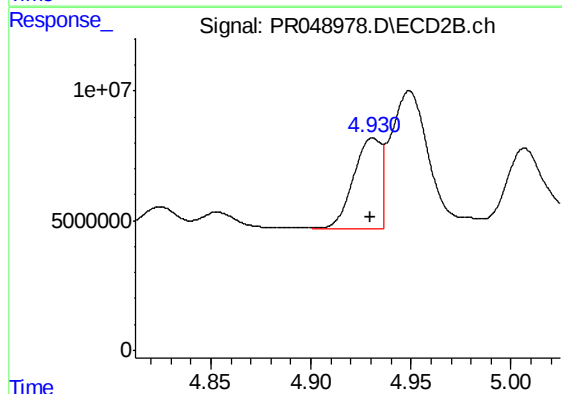
R.T.: 5.735 min
Delta R.T.: 0.001 min
Response: 17337316
Conc: 266.83 ng/ml



#21 AR-1248-1

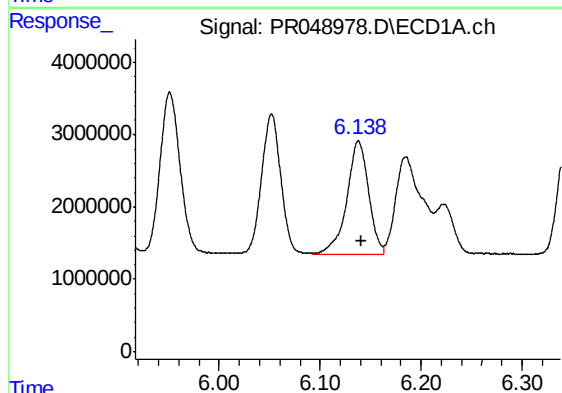
R.T.: 5.865 min
Delta R.T.: -0.003 min
Response: 35874809
Conc: 593.83 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660393



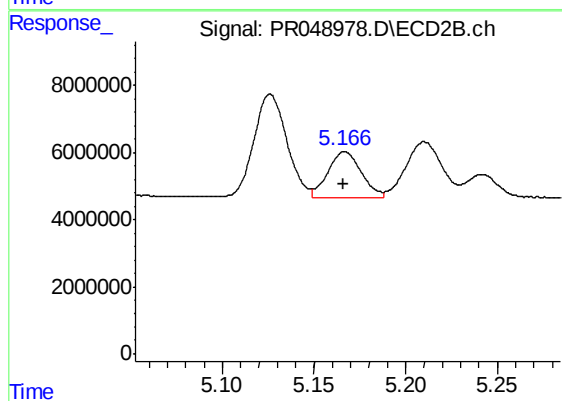
#21 AR-1248-1

R.T.: 4.931 min
Delta R.T.: 0.002 min
Response: 33704910
Conc: 714.76 ng/ml



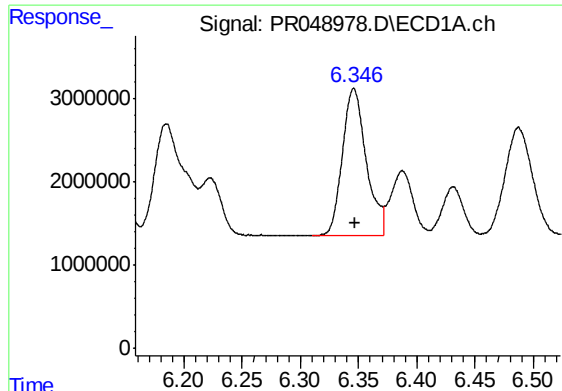
#22 AR-1248-2

R.T.: 6.138 min
Delta R.T.: -0.003 min
Response: 23328933
Conc: 274.87 ng/ml



#22 AR-1248-2

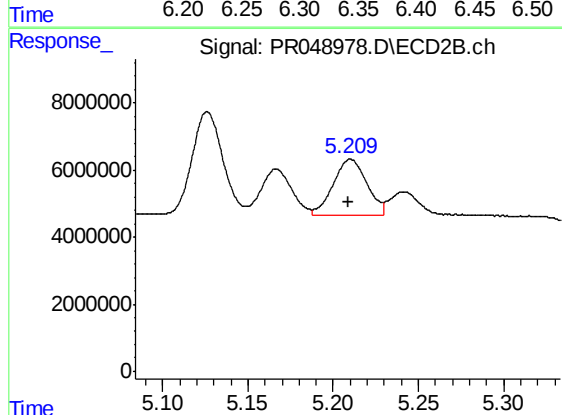
R.T.: 5.167 min
Delta R.T.: 0.000 min
Response: 17145261
Conc: 327.25 ng/ml



#23 AR-1248-3

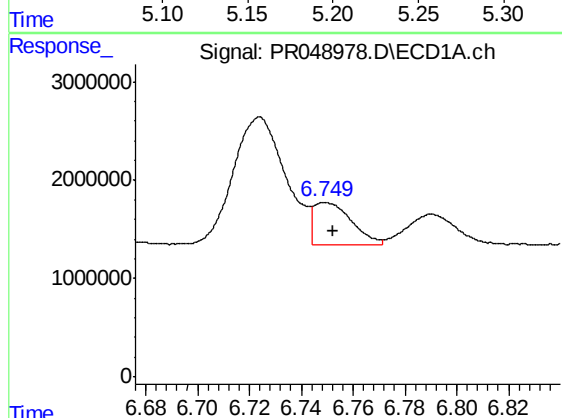
R.T.: 6.346 min
Delta R.T.: -0.001 min
Response: 25296784
Conc: 274.46 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660393



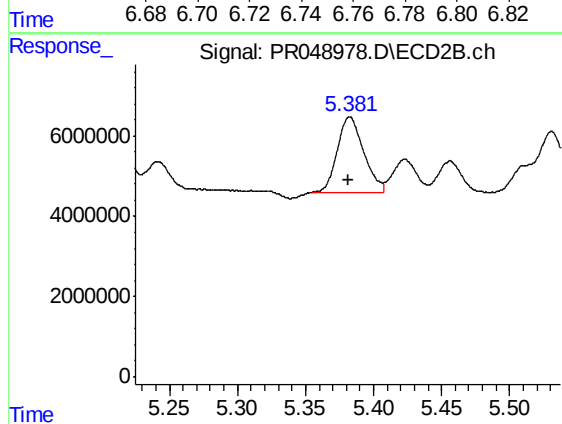
#23 AR-1248-3

R.T.: 5.210 min
Delta R.T.: 0.001 min
Response: 22806730
Conc: 373.67 ng/ml



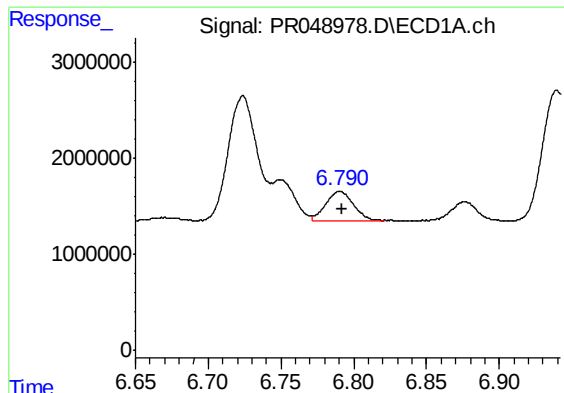
#24 AR-1248-4

R.T.: 6.749 min
Delta R.T.: -0.003 min
Response: 4384776
Conc: 40.13 ng/ml



#24 AR-1248-4

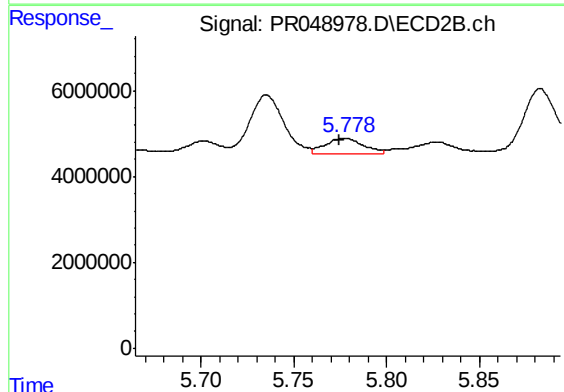
R.T.: 5.382 min
Delta R.T.: 0.001 min
Response: 25663830
Conc: 332.45 ng/ml



#25 AR-1248-5

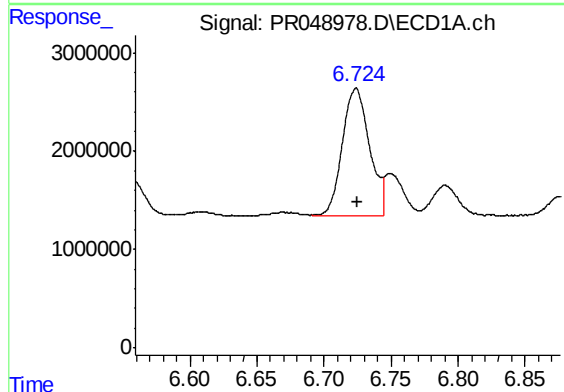
R.T.: 6.790 min
Delta R.T.: -0.001 min
Response: 4115080
Conc: 39.12 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660393



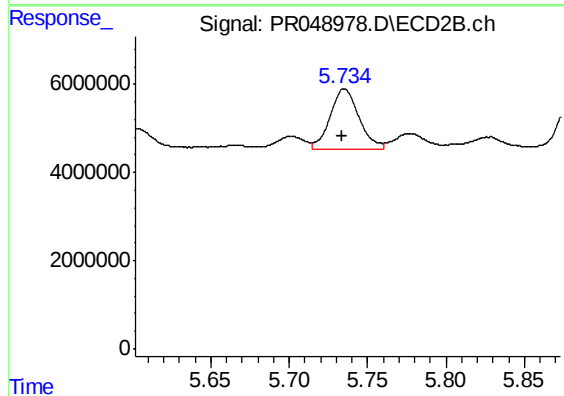
#25 AR-1248-5

R.T.: 5.777 min
Delta R.T.: 0.003 min
Response: 5101315
Conc: 47.35 ng/ml



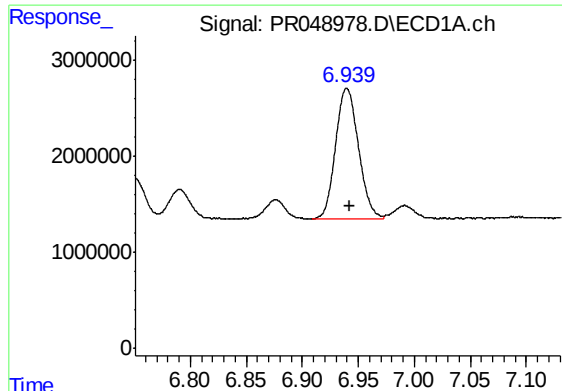
#26 AR-1254-1

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 18318011
Conc: 167.18 ng/ml



#26 AR-1254-1

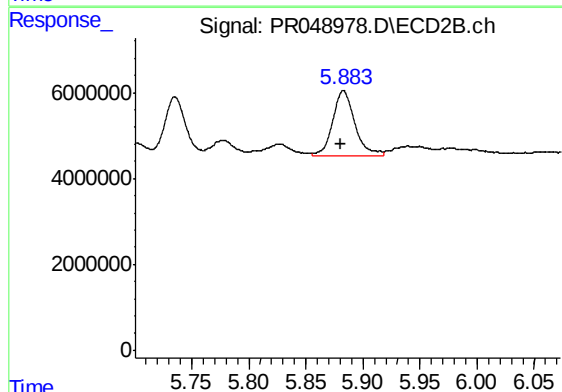
R.T.: 5.735 min
Delta R.T.: 0.001 min
Response: 17337316
Conc: 144.87 ng/ml



#27 AR-1254-2

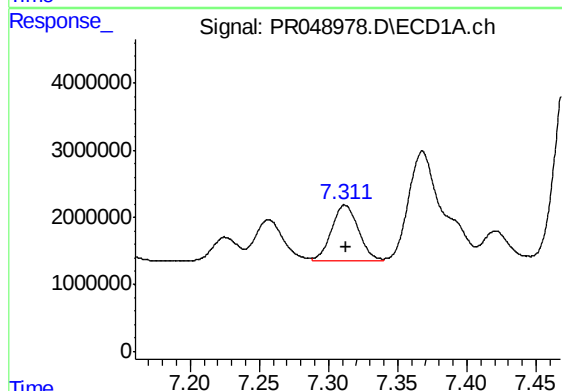
R.T.: 6.940 min
Delta R.T.: -0.003 min
Response: 19324269
Conc: 116.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660393



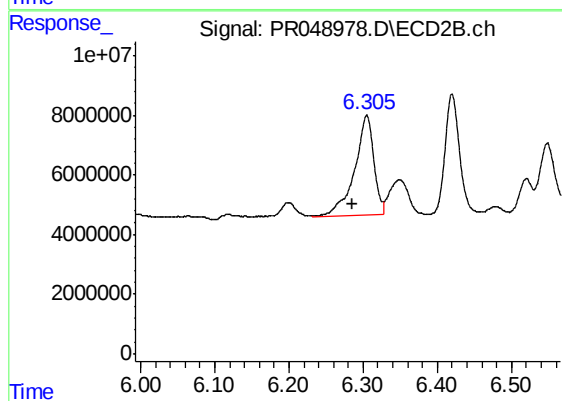
#27 AR-1254-2

R.T.: 5.883 min
Delta R.T.: 0.002 min
Response: 21018774
Conc: 170.27 ng/ml



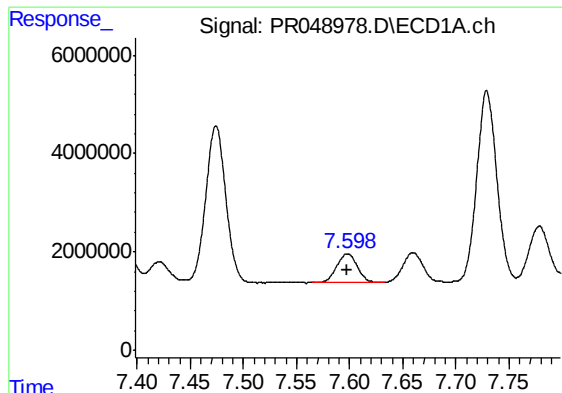
#28 AR-1254-3

R.T.: 7.312 min
Delta R.T.: 0.000 min
Response: 11130093
Conc: 63.74 ng/ml



#28 AR-1254-3

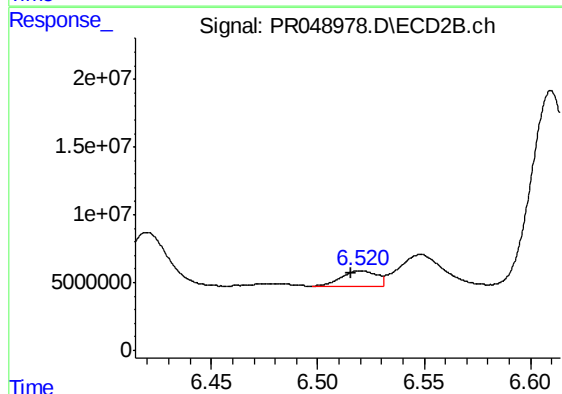
R.T.: 6.305 min
Delta R.T.: 0.019 min
Response: 60877527
Conc: 241.28 ng/ml



#29 AR-1254-4

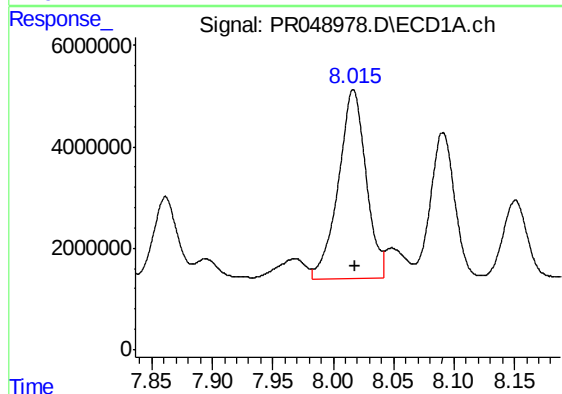
R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 8010308
Conc: 59.30 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660393



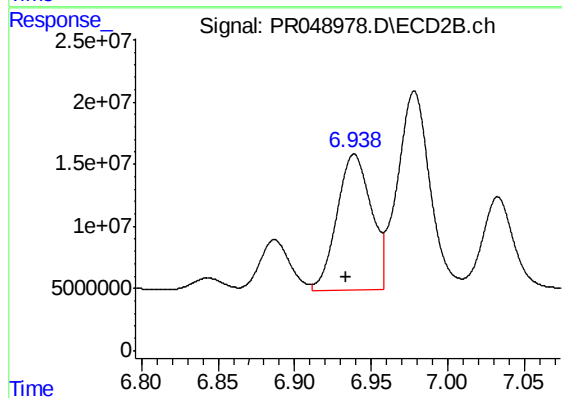
#29 AR-1254-4

R.T.: 6.520 min
Delta R.T.: 0.005 min
Response: 13053813
Conc: 42.48 ng/ml



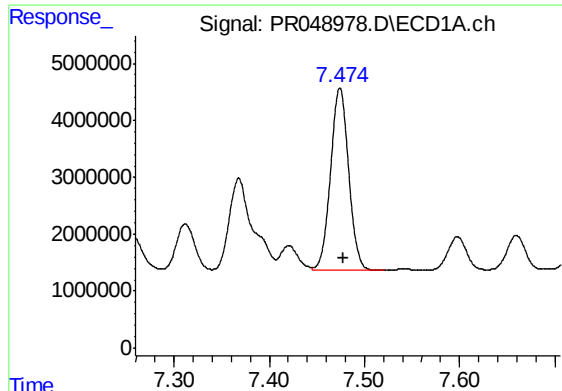
#30 AR-1254-5

R.T.: 8.017 min
Delta R.T.: -0.002 min
Response: 59456516
Conc: 414.86 ng/ml



#30 AR-1254-5

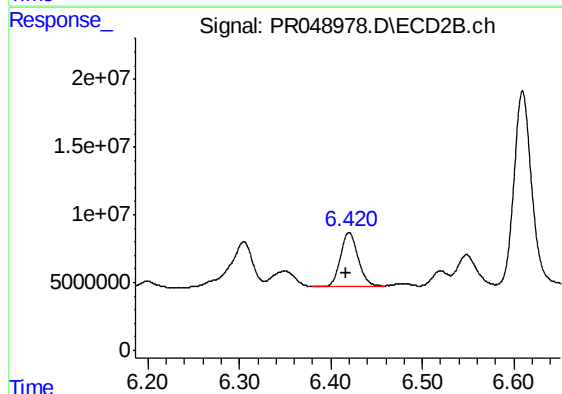
R.T.: 6.939 min
Delta R.T.: 0.005 min
Response: 170654270
Conc: 390.79 ng/ml



#31 AR-1260-1

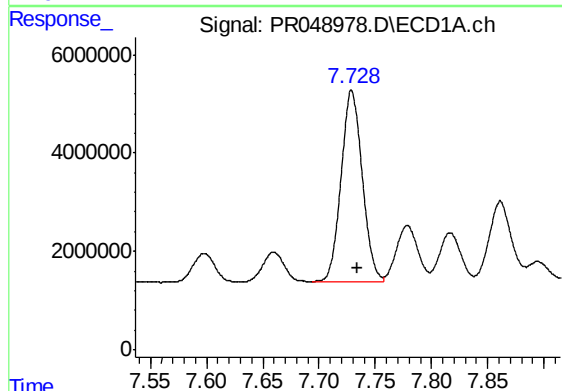
R.T.: 7.474 min
Delta R.T.: -0.004 min
Response: 42372589
Conc: 350.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660393



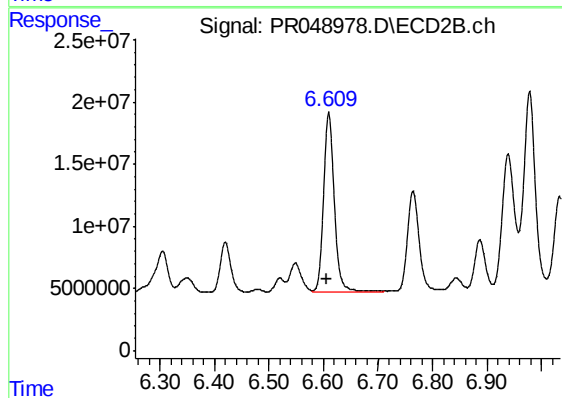
#31 AR-1260-1

R.T.: 6.420 min
Delta R.T.: 0.003 min
Response: 53000090
Conc: 414.68 ng/ml



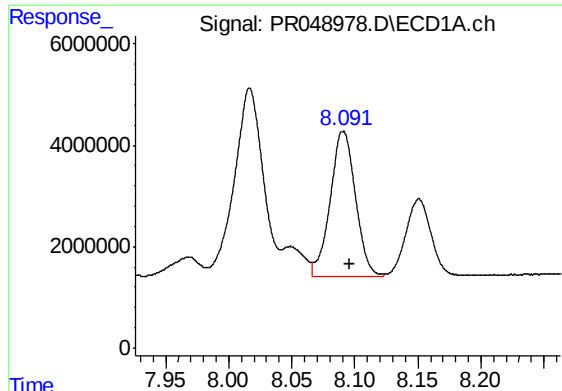
#32 AR-1260-2

R.T.: 7.729 min
Delta R.T.: -0.006 min
Response: 51164499
Conc: 340.67 ng/ml



#32 AR-1260-2

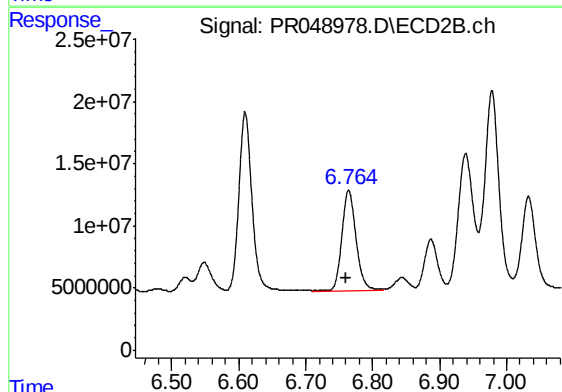
R.T.: 6.610 min
Delta R.T.: 0.005 min
Response: 194873058
Conc: 421.08 ng/ml



#33 AR-1260-3

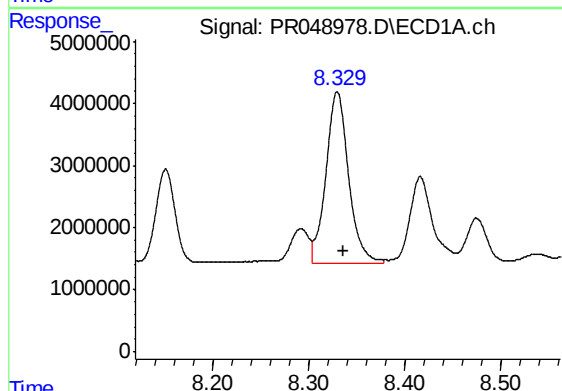
R.T.: 8.091 min
Delta R.T.: -0.006 min
Response: 40292080
Conc: 349.50 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660393



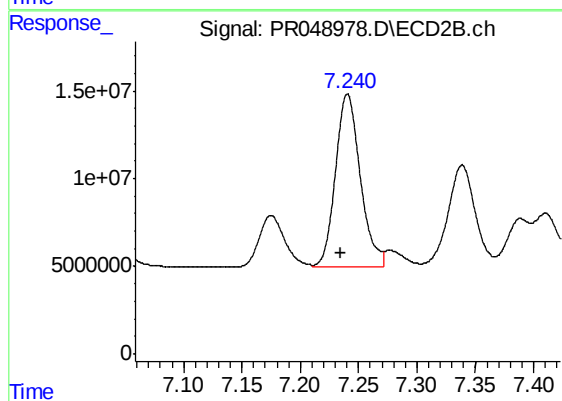
#33 AR-1260-3

R.T.: 6.764 min
Delta R.T.: 0.004 min
Response: 118052140
Conc: 419.90 ng/ml



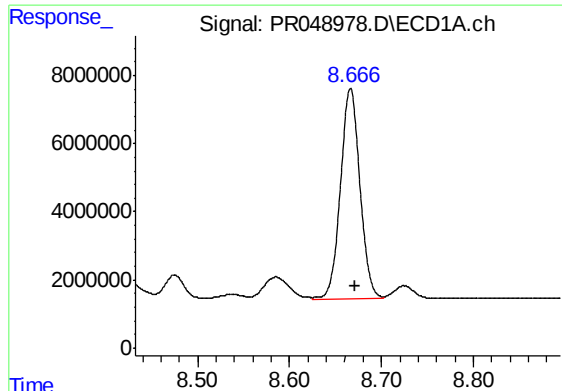
#34 AR-1260-4

R.T.: 8.329 min
Delta R.T.: -0.006 min
Response: 45510898
Conc: 343.11 ng/ml



#34 AR-1260-4

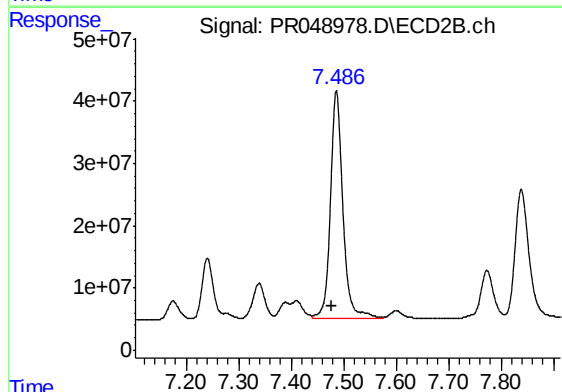
R.T.: 7.240 min
Delta R.T.: 0.005 min
Response: 145514942
Conc: 427.57 ng/ml



#35 AR-1260-5

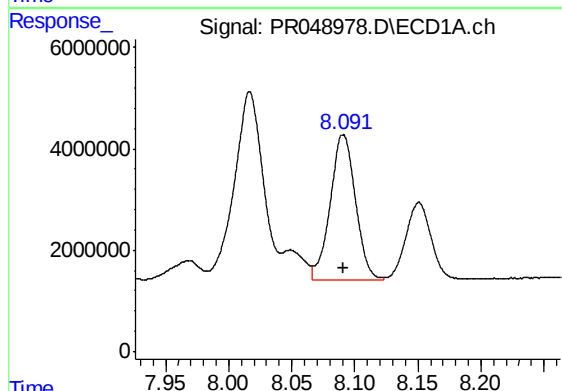
R.T.: 8.666 min
Delta R.T.: -0.005 min
Response: 90824662
Conc: 340.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660393



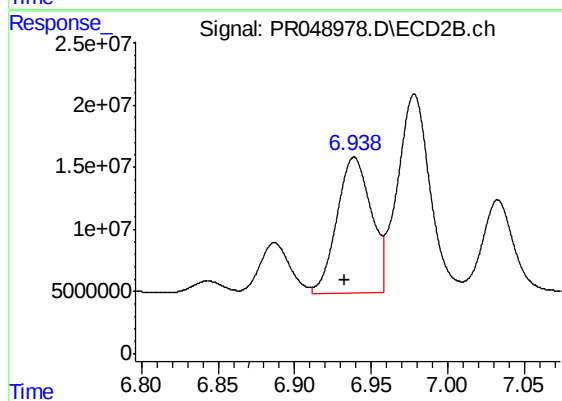
#35 AR-1260-5

R.T.: 7.486 min
Delta R.T.: 0.008 min
Response: 607240480
Conc: 428.66 ng/ml



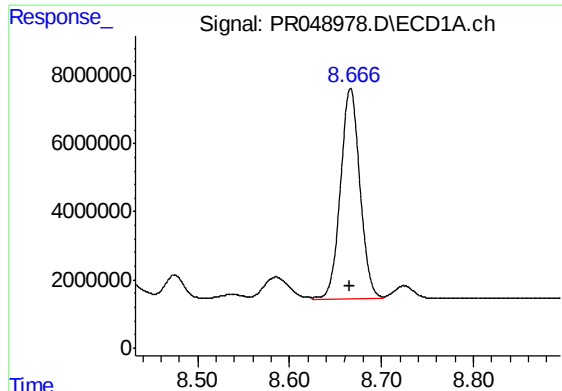
#36 AR-1262-1

R.T.: 8.091 min
Delta R.T.: 0.000 min
Response: 40292080
Conc: 239.94 ng/ml



#36 AR-1262-1

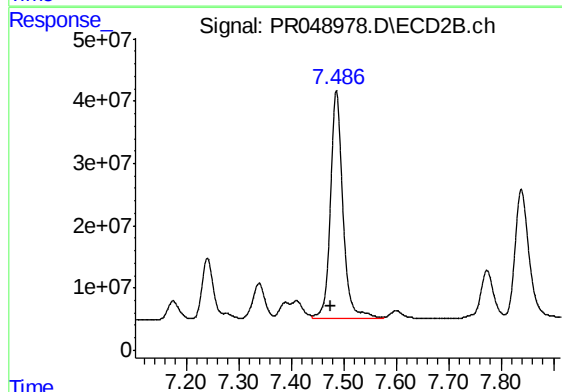
R.T.: 6.939 min
Delta R.T.: 0.006 min
Response: 170654270
Conc: 736.68 ng/ml



#37 AR-1262-2

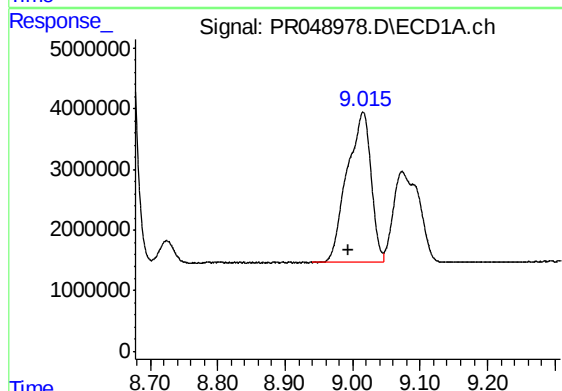
R.T.: 8.666 min
Delta R.T.: 0.000 min
Response: 90824662
Conc: 298.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660393



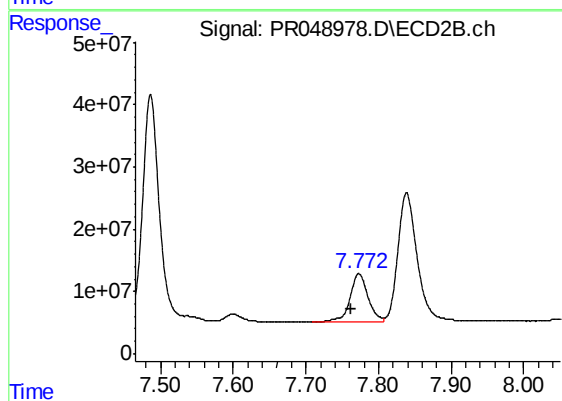
#37 AR-1262-2

R.T.: 7.486 min
Delta R.T.: 0.010 min
Response: 607240480
Conc: 396.71 ng/ml



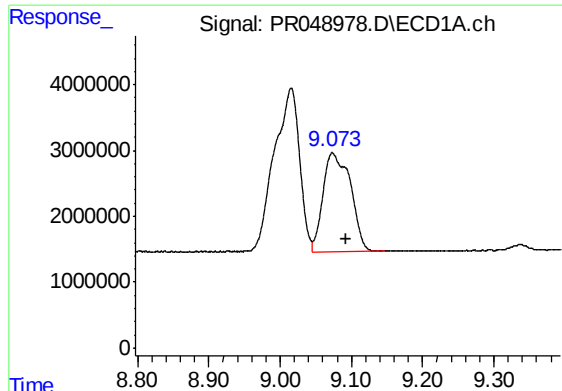
#38 AR-1262-3

R.T.: 9.016 min
Delta R.T.: 0.021 min
Response: 61349533
Conc: 287.52 ng/ml



#38 AR-1262-3

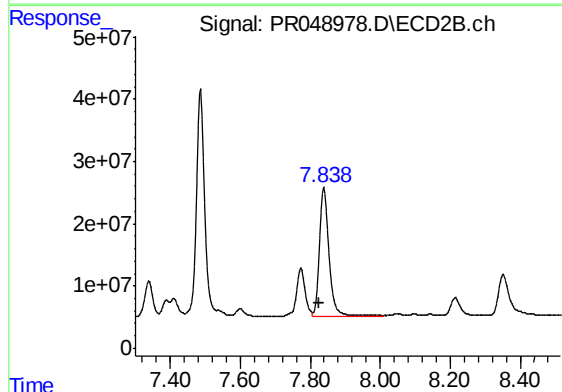
R.T.: 7.773 min
Delta R.T.: 0.011 min
Response: 133350889
Conc: 208.53 ng/ml



#39 AR-1262-4

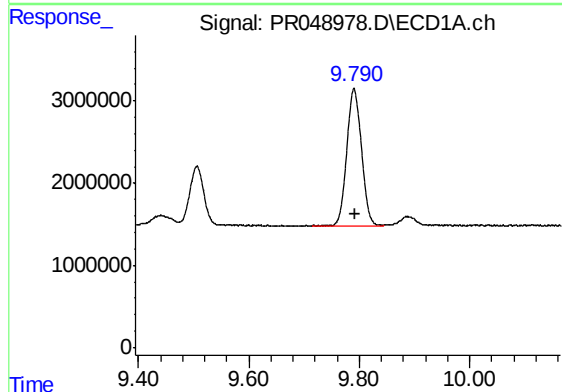
R.T.: 9.073 min
Delta R.T.: -0.018 min
Response: 40236464
Conc: 243.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660393



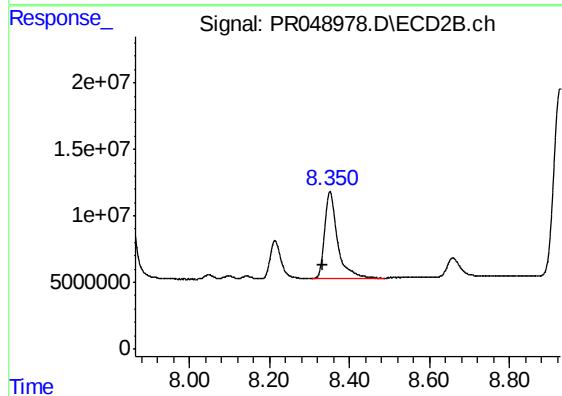
#39 AR-1262-4

R.T.: 7.838 min
Delta R.T.: 0.011 min
Response: 386714942
Conc: 365.60 ng/ml



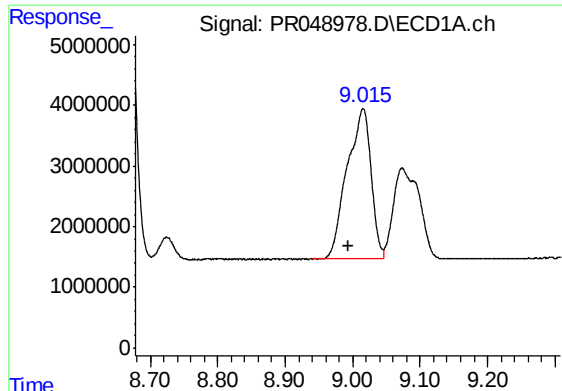
#40 AR-1262-5

R.T.: 9.791 min
Delta R.T.: -0.002 min
Response: 31409860
Conc: 256.47 ng/ml



#40 AR-1262-5

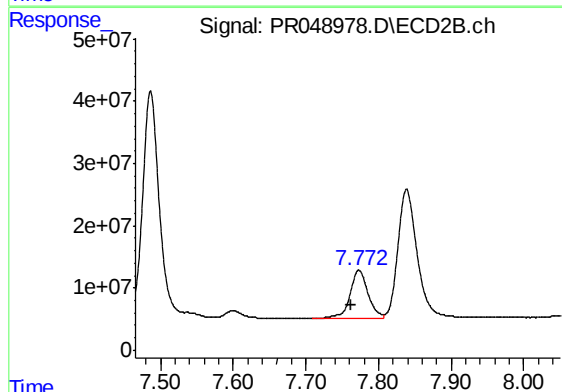
R.T.: 8.351 min
Delta R.T.: 0.017 min
Response: 145748140
Conc: 356.62 ng/ml



#41 AR-1268-1

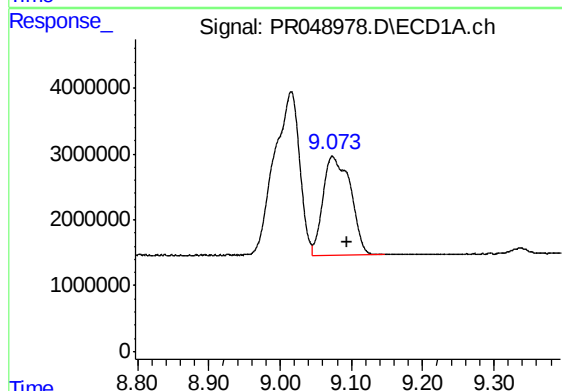
R.T.: 9.016 min
Delta R.T.: 0.022 min
Response: 61349533
Conc: 165.80 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660393



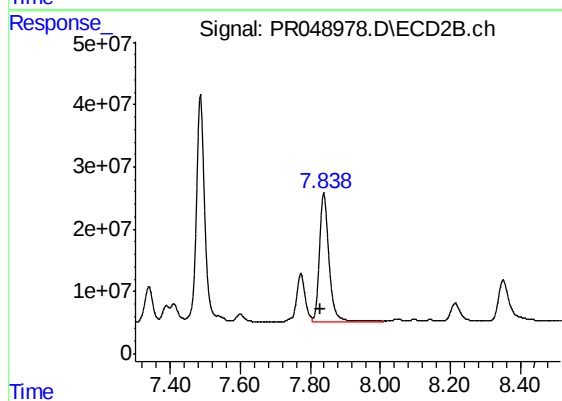
#41 AR-1268-1

R.T.: 7.773 min
Delta R.T.: 0.010 min
Response: 133350889
Conc: 68.32 ng/ml



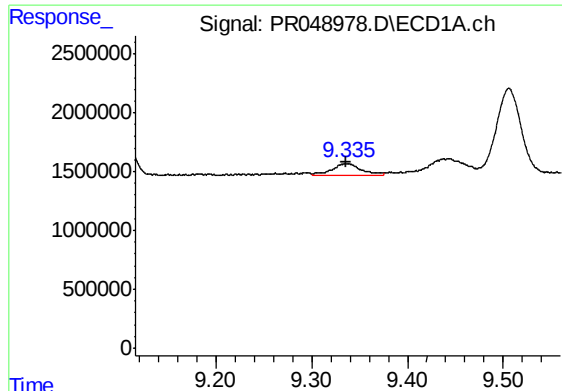
#42 AR-1268-2

R.T.: 9.073 min
Delta R.T.: -0.020 min
Response: 40236464
Conc: 116.13 ng/ml



#42 AR-1268-2

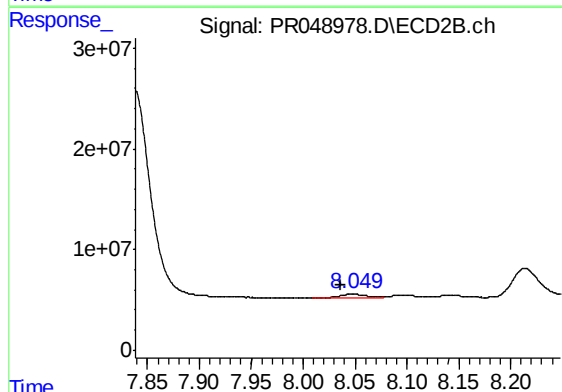
R.T.: 7.838 min
Delta R.T.: 0.010 min
Response: 386714942
Conc: 226.24 ng/ml



#43 AR-1268-3

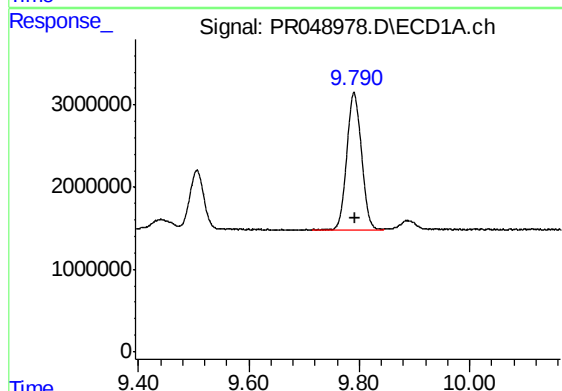
R.T.: 9.336 min
Delta R.T.: 0.000 min
Response: 2136046
Conc: 7.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660393



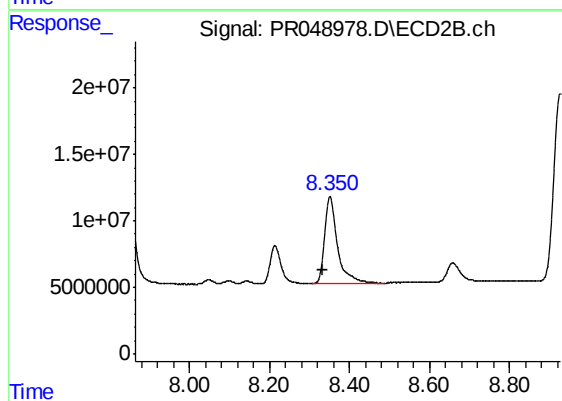
#43 AR-1268-3

R.T.: 8.048 min
Delta R.T.: 0.011 min
Response: 6932051
Conc: 4.71 ng/ml



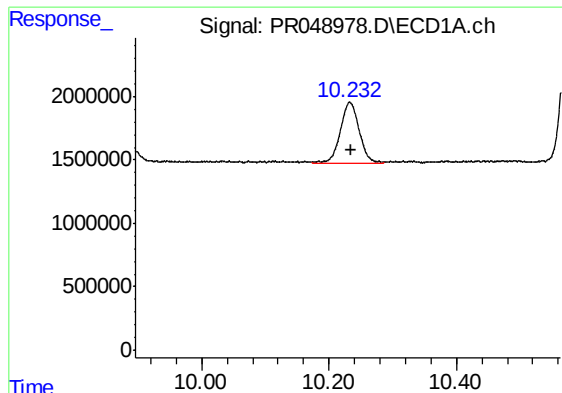
#44 AR-1268-4

R.T.: 9.791 min
Delta R.T.: -0.001 min
Response: 31409860
Conc: 231.28 ng/ml



#44 AR-1268-4

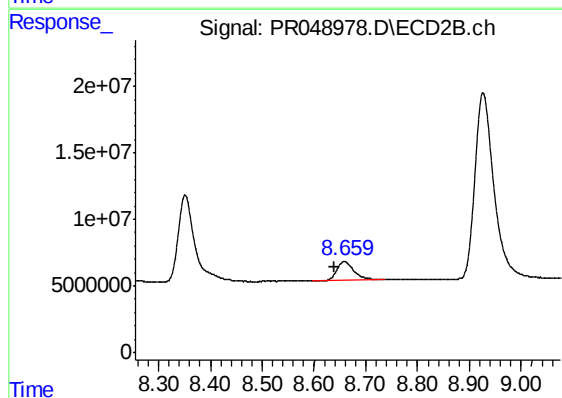
R.T.: 8.351 min
Delta R.T.: 0.017 min
Response: 145748140
Conc: 295.36 ng/ml



#45 AR-1268-5

R.T.: 10.232 min
Delta R.T.: -0.002 min
Response: 9739966
Conc: 9.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660393



#45 AR-1268-5

R.T.: 8.659 min
Delta R.T.: 0.018 min
Response: 32502379
Conc: 8.20 ng/ml