

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091119\
 Data File : PR041015.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2019 02:35
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1660315

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 04:38:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091019CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 10 13:01:53 2019
 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...	4.723	3.991	67539019	272.8E6	21.976	20.488
2)	SA Decachlor...	10.638	9.116	120.6E6	388.8E6	43.351	39.783
Target Compounds							
3)	L1 AR-1016-1	5.899	5.092	50884098	111.4E6	451.273	421.066
4)	L1 AR-1016-2	5.922	5.113	73648012	154.0E6	462.849	419.524
5)	L1 AR-1016-3	5.985	5.291	42996043	87449993	458.874	430.432
6)	L1 AR-1016-4	6.085	5.331	35757848	69064824	458.214	422.893
7)	L1 AR-1016-5	6.380	5.548	35454604	95858065	454.829	412.460
8)	L2 AR-1221-1	4.926	4.203	3497489	12381700	113.559	103.189
9)	L2 AR-1221-2	5.019	4.293	5011523	14765154	204.012	192.277
10)	L2 AR-1221-3	5.097	4.370	21940236	54277086	277.392	239.705
11)	L3 AR-1232-1	5.097	4.370	21940236	54277086	438.939	400.978
12)	L3 AR-1232-2	5.632	5.113	33028318	154.0E6	1255.597	1185.259
13)	L3 AR-1232-3	5.922	5.291	73648012	87449993	1333.973	1190.507
14)	L3 AR-1232-4	6.085	5.374	35757848	86377101	1279.105	1300.412
15)	L3 AR-1232-5	6.172	5.548	31386839	95858065	1503.860	1163.275
16)	L4 AR-1242-1	5.899	5.092	50884098	111.4E6	684.814	641.489
17)	L4 AR-1242-2	5.922	5.113	73648012	154.0E6	702.719	643.357
18)	L4 AR-1242-3	5.985	5.291	42996043	87449993	679.308	644.117
19)	L4 AR-1242-4	6.085	5.374	35757848	86377101	676.693	628.155
20)	L4 AR-1242-5	6.823	5.902	5748755	83281906	91.233	363.128 #
21)	L5 AR-1248-1	5.899	5.092	50884098	111.4E6	869.000	804.431
22)	L5 AR-1248-2	6.172	5.331	31386839	69064824	376.373	351.126
23)	L5 AR-1248-3	6.380	5.374	35454604	86377101	375.809	425.139
24)	L5 AR-1248-4	6.756	5.548	32193435	95858065	275.466	363.607 #
25)	L5 AR-1248-5	6.823	5.944	5748755	18003211	52.421	56.967
26)	L6 AR-1254-1	6.756	5.902	32193435	83281906	262.637	173.952 #
27)	L6 AR-1254-2	6.972	6.049	27116304	80671694	141.628	182.694 #
28)	L6 AR-1254-3	7.343	6.472	16690529	192.9E6	77.126	256.447 #
29)	L6 AR-1254-4	7.627	6.684	13729190	27720689	84.280	53.012 #
30)	L6 AR-1254-5	8.045	7.103	94529546	278.0E6	517.515	435.061
31)	L7 AR-1260-1	7.504	6.587	68744551	213.6E6	445.315	419.347
32)	L7 AR-1260-2	7.759	6.773	81700359	277.3E6	444.104	436.256
33)	L7 AR-1260-3	8.120	6.930	59847185	239.8E6	431.087	415.816
34)	L7 AR-1260-4	8.359	7.404	69450774	200.0E6	427.131	405.109
35)	L7 AR-1260-5	8.698	7.643	144.7E6	540.6E6	423.218	415.469
36)	L8 AR-1262-1	8.120	7.142	59847185	235.7E6	264.031	287.595
37)	L8 AR-1262-2	8.698	7.643	144.7E6	540.6E6	330.167	346.423
38)	L8 AR-1262-3	9.048	7.930	88933497	118.1E6	316.781	195.652 #
39)	L8 AR-1262-4	9.107	7.993	53320495	365.4E6	262.402	327.702
40)	L8 AR-1262-5	9.829	8.512	38533100	134.6E6	265.488	257.669
41)	L9 AR-1268-1	9.048	7.930	88933497	118.1E6	199.463	73.685 #
42)	L9 AR-1268-2	9.107	7.993	53320495	365.4E6	130.601	244.518 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091119\
 Data File : PR041015.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2019 02:35
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

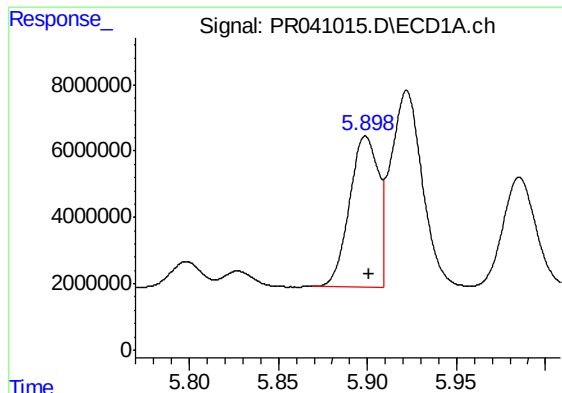
Instrument :
 ECD_R
 ClientSampleId :
 AR1660315

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 04:38:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091019CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 10 13:01:53 2019
 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	9.372	8.210	1753460	6372943	5.184	5.100
44) L9	AR-1268-4	9.829	8.512	38533100	134.6E6	268.674	258.553
45) L9	AR-1268-5	10.274	8.831	10541493	36005246	9.293	9.760

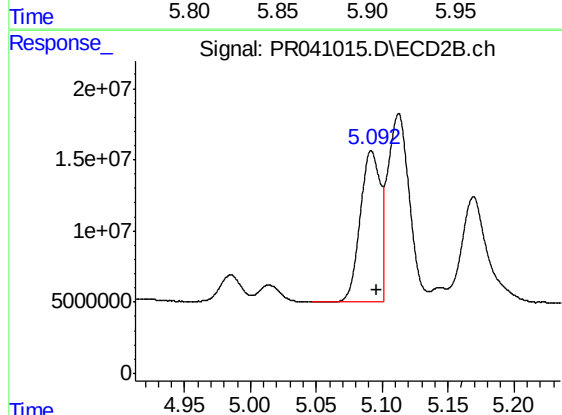
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

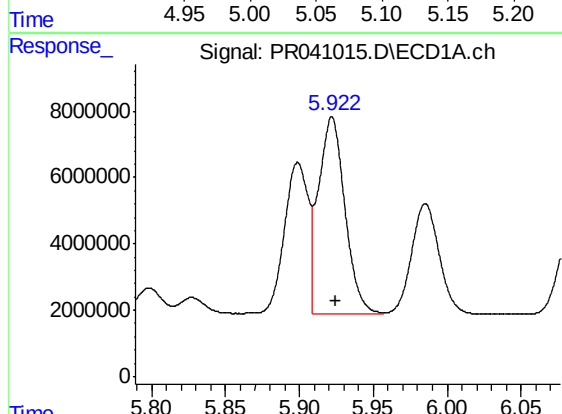
R.T.: 5.899 min
Delta R.T.: -0.001 min
Response: 50884098
Conc: 451.27 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660315



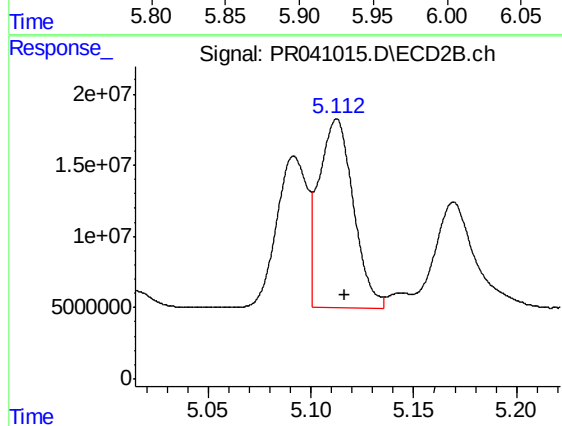
#3 AR-1016-1

R.T.: 5.092 min
Delta R.T.: -0.004 min
Response: 111449310
Conc: 421.07 ng/ml



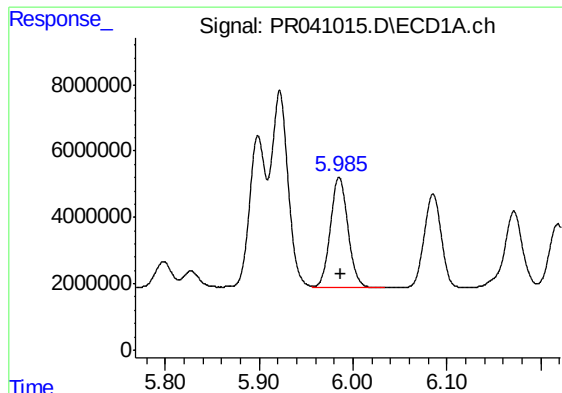
#4 AR-1016-2

R.T.: 5.922 min
Delta R.T.: -0.002 min
Response: 73648012
Conc: 462.85 ng/ml



#4 AR-1016-2

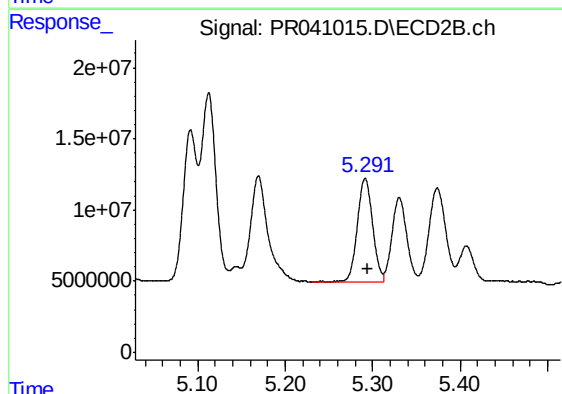
R.T.: 5.113 min
Delta R.T.: -0.004 min
Response: 153973705
Conc: 419.52 ng/ml



#5 AR-1016-3

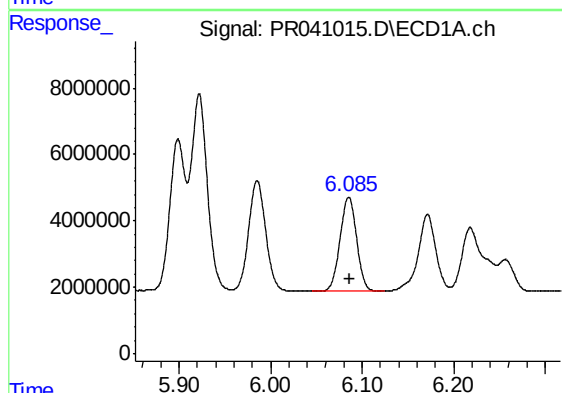
R.T.: 5.985 min
Delta R.T.: -0.002 min
Response: 42996043
Conc: 458.87 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660315



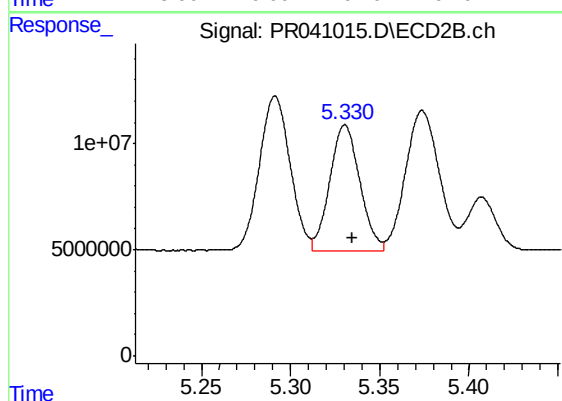
#5 AR-1016-3

R.T.: 5.291 min
Delta R.T.: -0.004 min
Response: 87449993
Conc: 430.43 ng/ml



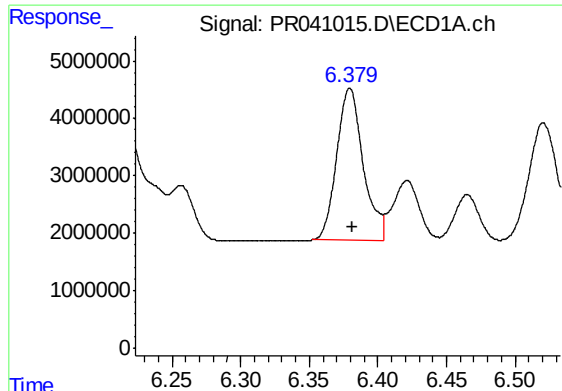
#6 AR-1016-4

R.T.: 6.085 min
Delta R.T.: -0.001 min
Response: 35757848
Conc: 458.21 ng/ml



#6 AR-1016-4

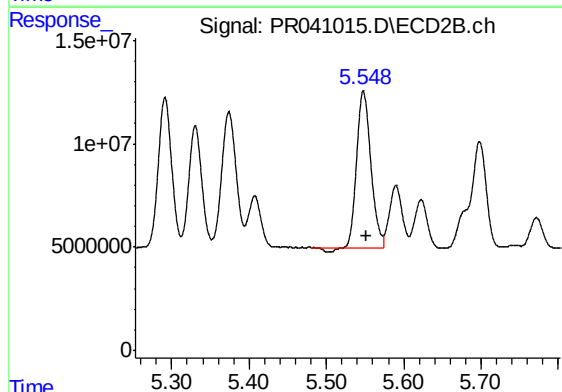
R.T.: 5.331 min
Delta R.T.: -0.004 min
Response: 69064824
Conc: 422.89 ng/ml



#7 AR-1016-5

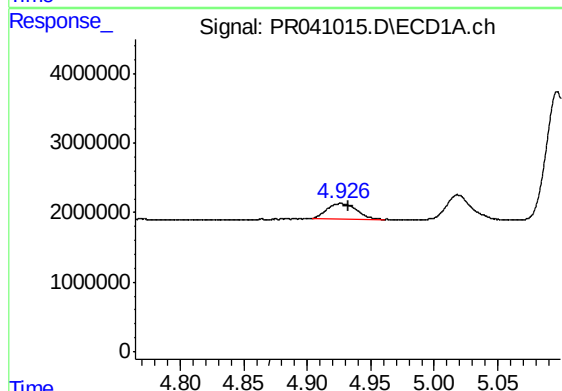
R.T.: 6.380 min
Delta R.T.: -0.002 min
Response: 35454604
Conc: 454.83 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660315



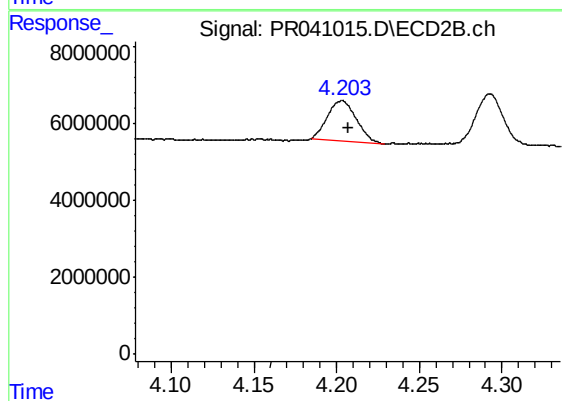
#7 AR-1016-5

R.T.: 5.548 min
Delta R.T.: -0.004 min
Response: 95858065
Conc: 412.46 ng/ml



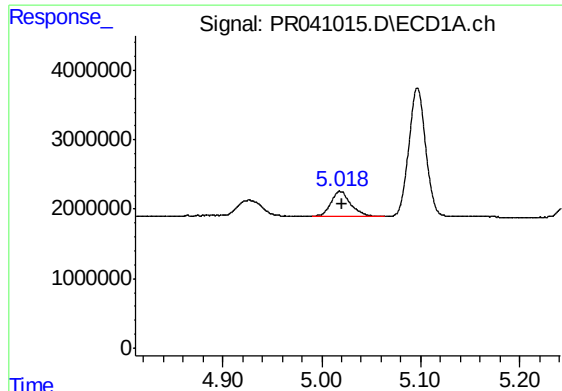
#8 AR-1221-1

R.T.: 4.926 min
Delta R.T.: -0.006 min
Response: 3497489
Conc: 113.56 ng/ml



#8 AR-1221-1

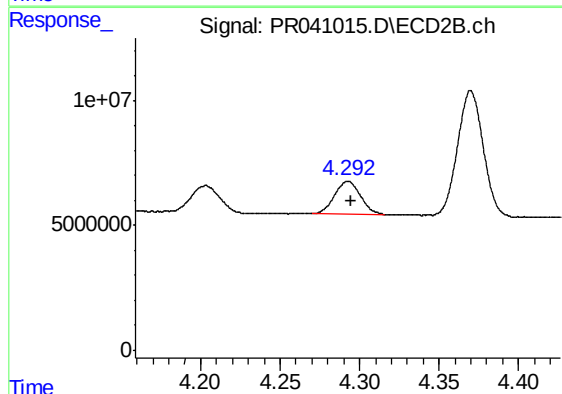
R.T.: 4.203 min
Delta R.T.: -0.004 min
Response: 12381700
Conc: 103.19 ng/ml



#9 AR-1221-2

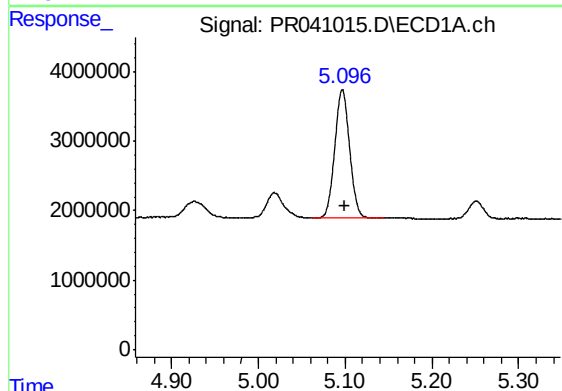
R.T.: 5.019 min
Delta R.T.: -0.002 min
Response: 5011523
Conc: 204.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660315



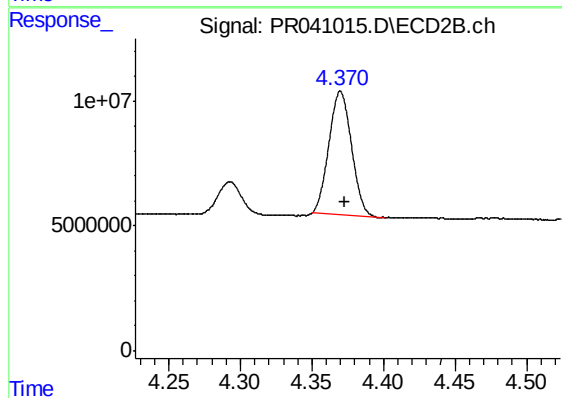
#9 AR-1221-2

R.T.: 4.293 min
Delta R.T.: -0.002 min
Response: 14765154
Conc: 192.28 ng/ml



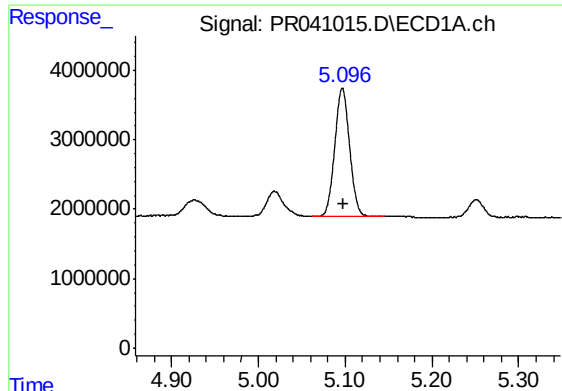
#10 AR-1221-3

R.T.: 5.097 min
Delta R.T.: -0.002 min
Response: 21940236
Conc: 277.39 ng/ml



#10 AR-1221-3

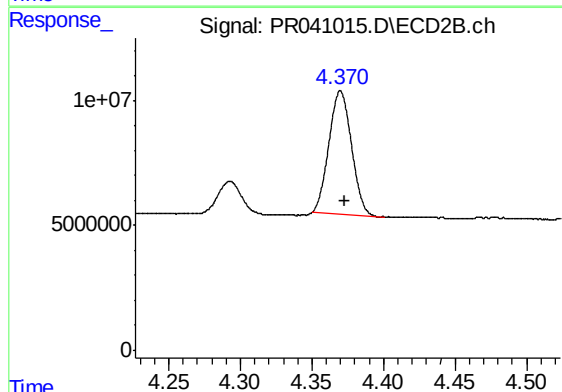
R.T.: 4.370 min
Delta R.T.: -0.003 min
Response: 54277086
Conc: 239.71 ng/ml



#11 AR-1232-1

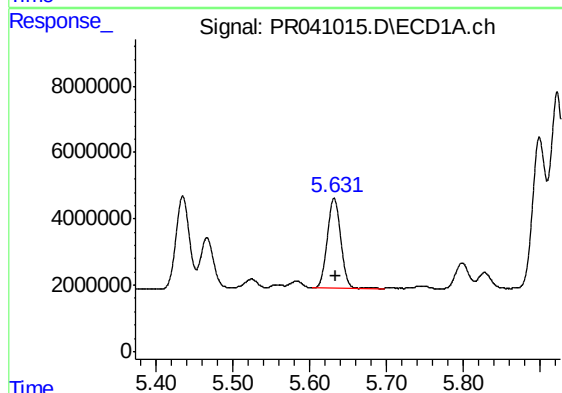
R.T.: 5.097 min
Delta R.T.: -0.001 min
Response: 21940236
Conc: 438.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660315



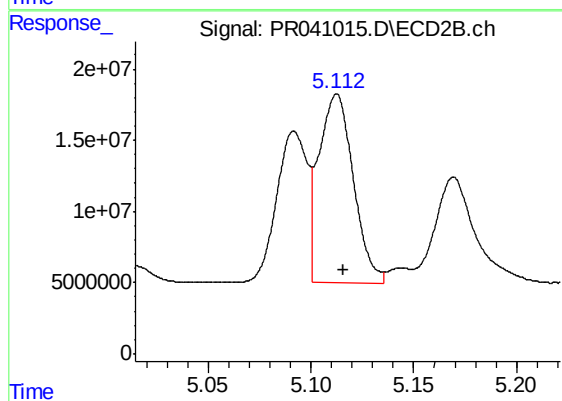
#11 AR-1232-1

R.T.: 4.370 min
Delta R.T.: -0.003 min
Response: 54277086
Conc: 400.98 ng/ml



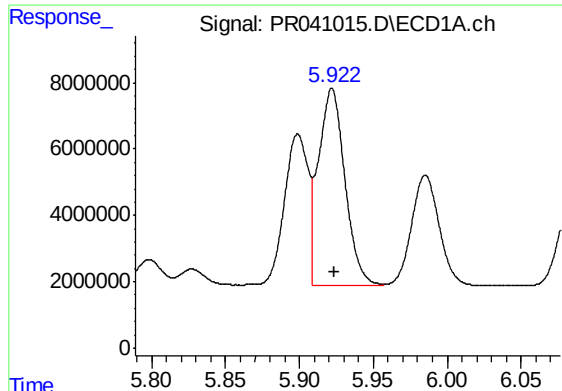
#12 AR-1232-2

R.T.: 5.632 min
Delta R.T.: -0.002 min
Response: 33028318
Conc: 1255.60 ng/ml



#12 AR-1232-2

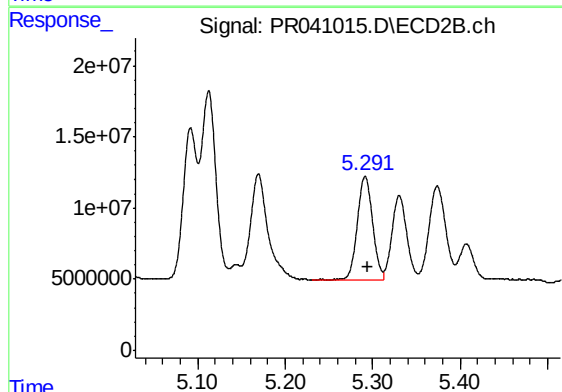
R.T.: 5.113 min
Delta R.T.: -0.003 min
Response: 153973705
Conc: 1185.26 ng/ml



#13 AR-1232-3

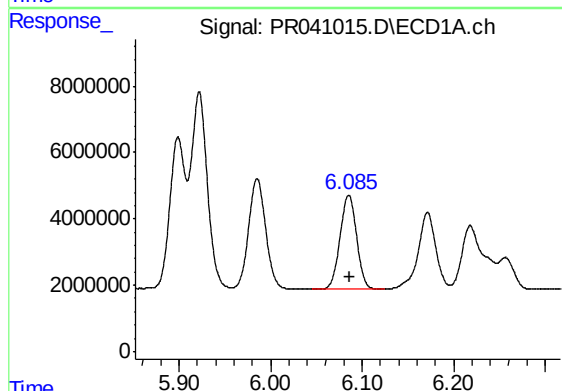
R.T.: 5.922 min
Delta R.T.: -0.002 min
Response: 73648012
Conc: 1333.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660315



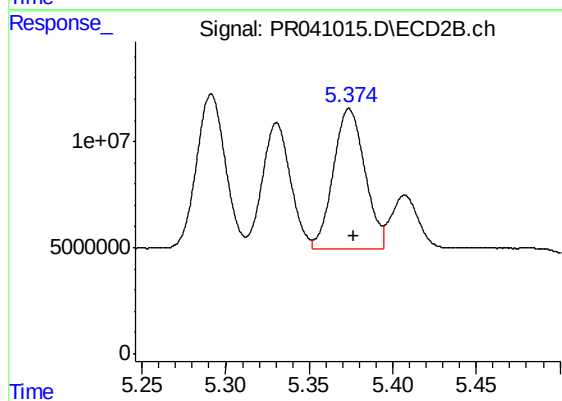
#13 AR-1232-3

R.T.: 5.291 min
Delta R.T.: -0.003 min
Response: 87449993
Conc: 1190.51 ng/ml



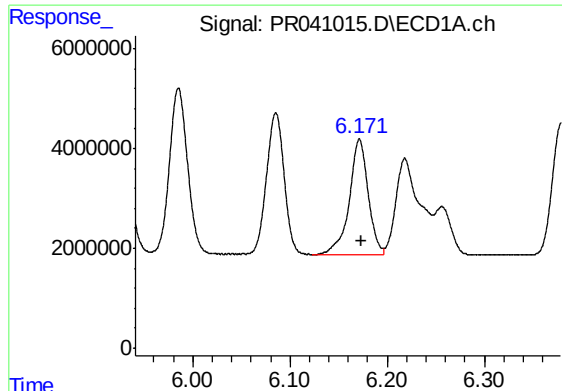
#14 AR-1232-4

R.T.: 6.085 min
Delta R.T.: -0.002 min
Response: 35757848
Conc: 1279.11 ng/ml



#14 AR-1232-4

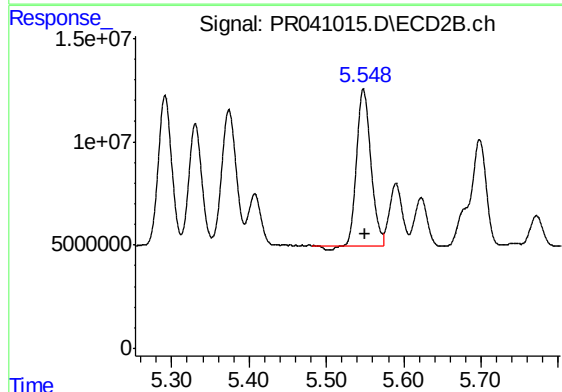
R.T.: 5.374 min
Delta R.T.: -0.003 min
Response: 86377101
Conc: 1300.41 ng/ml



#15 AR-1232-5

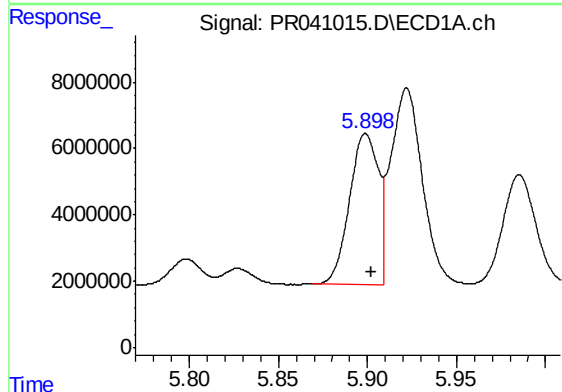
R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 31386839
Conc: 1503.86 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660315



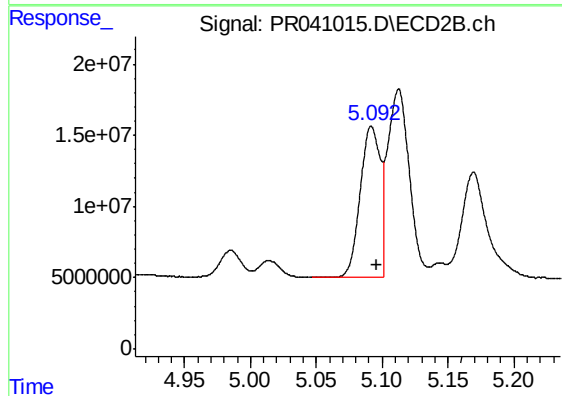
#15 AR-1232-5

R.T.: 5.548 min
Delta R.T.: -0.002 min
Response: 95858065
Conc: 1163.28 ng/ml



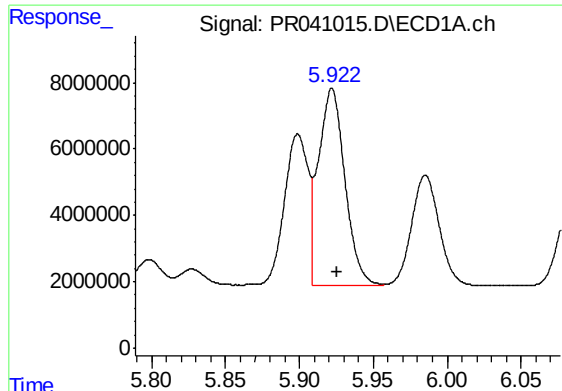
#16 AR-1242-1

R.T.: 5.899 min
Delta R.T.: -0.003 min
Response: 50884098
Conc: 684.81 ng/ml



#16 AR-1242-1

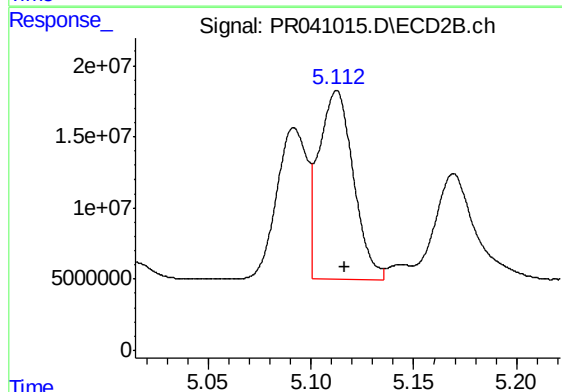
R.T.: 5.092 min
Delta R.T.: -0.004 min
Response: 111449310
Conc: 641.49 ng/ml



#17 AR-1242-2

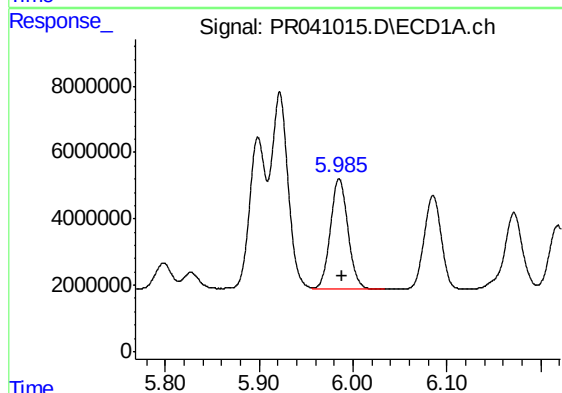
R.T.: 5.922 min
Delta R.T.: -0.003 min
Response: 73648012
Conc: 702.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660315



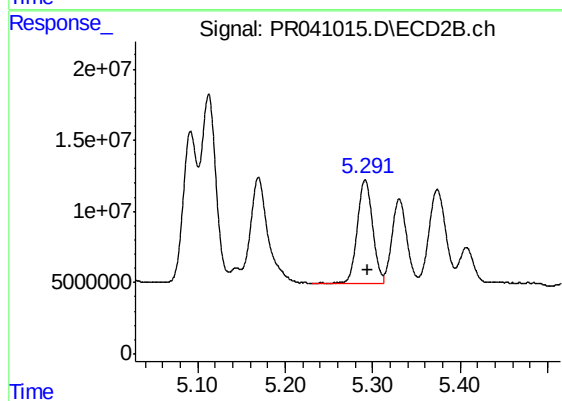
#17 AR-1242-2

R.T.: 5.113 min
Delta R.T.: -0.004 min
Response: 153973705
Conc: 643.36 ng/ml



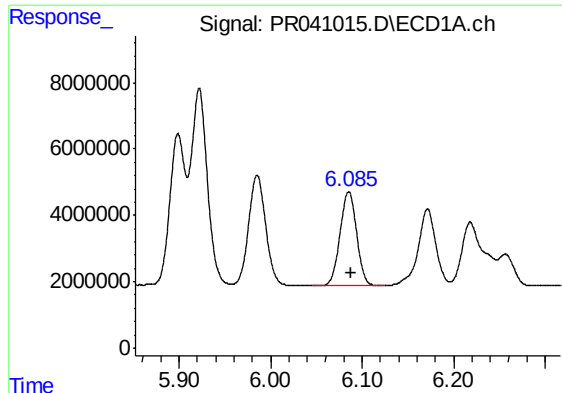
#18 AR-1242-3

R.T.: 5.985 min
Delta R.T.: -0.003 min
Response: 42996043
Conc: 679.31 ng/ml



#18 AR-1242-3

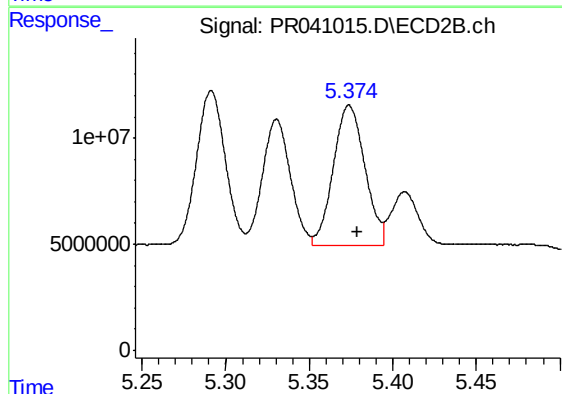
R.T.: 5.291 min
Delta R.T.: -0.004 min
Response: 87449993
Conc: 644.12 ng/ml



#19 AR-1242-4

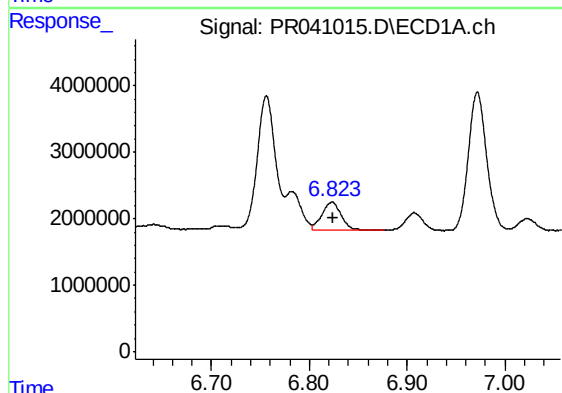
R.T.: 6.085 min
Delta R.T.: -0.003 min
Response: 35757848
Conc: 676.69 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660315



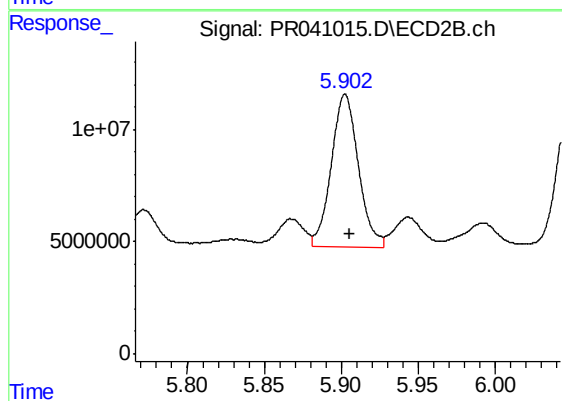
#19 AR-1242-4

R.T.: 5.374 min
Delta R.T.: -0.005 min
Response: 86377101
Conc: 628.15 ng/ml



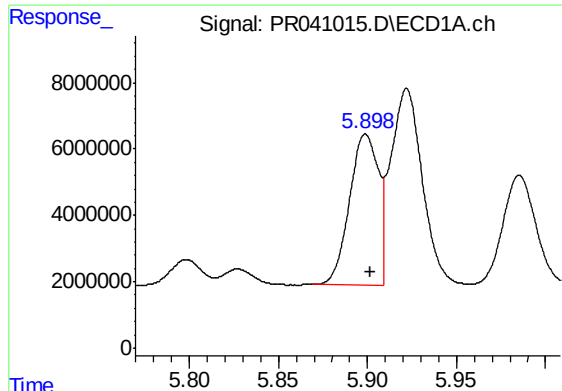
#20 AR-1242-5

R.T.: 6.823 min
Delta R.T.: -0.002 min
Response: 5748755
Conc: 91.23 ng/ml



#20 AR-1242-5

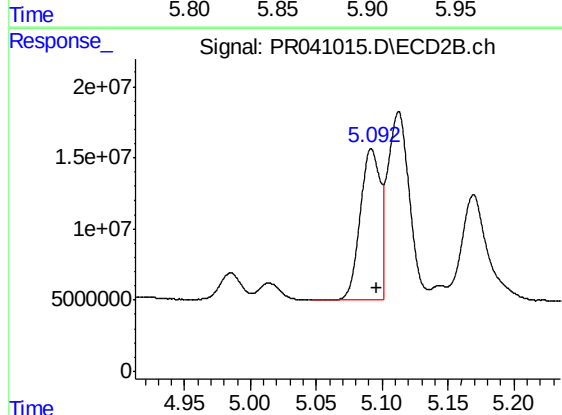
R.T.: 5.902 min
Delta R.T.: -0.003 min
Response: 83281906
Conc: 363.13 ng/ml



#21 AR-1248-1

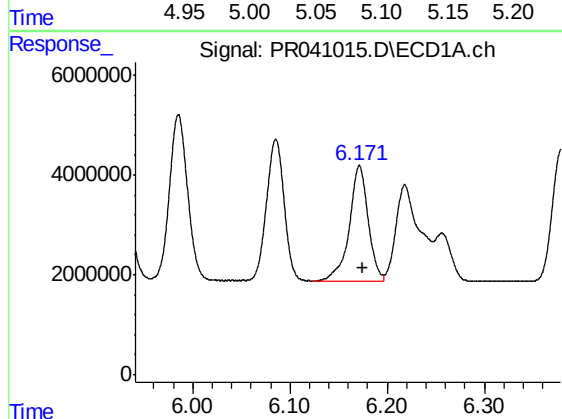
R.T.: 5.899 min
Delta R.T.: -0.003 min
Response: 50884098
Conc: 869.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660315



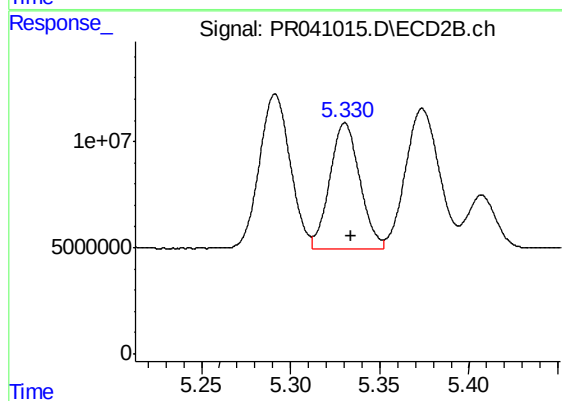
#21 AR-1248-1

R.T.: 5.092 min
Delta R.T.: -0.004 min
Response: 111449310
Conc: 804.43 ng/ml



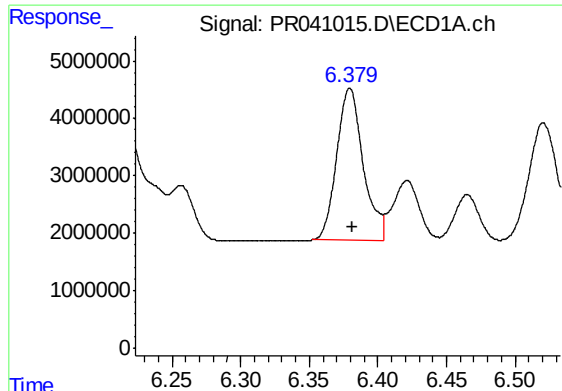
#22 AR-1248-2

R.T.: 6.172 min
Delta R.T.: -0.003 min
Response: 31386839
Conc: 376.37 ng/ml



#22 AR-1248-2

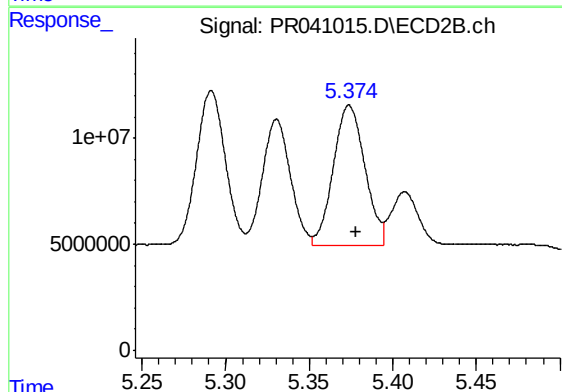
R.T.: 5.331 min
Delta R.T.: -0.004 min
Response: 69064824
Conc: 351.13 ng/ml



#23 AR-1248-3

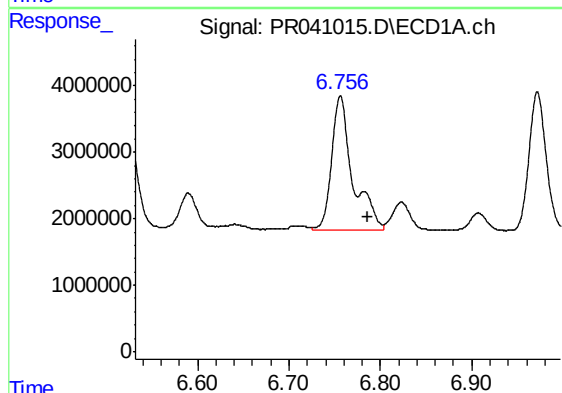
R.T.: 6.380 min
Delta R.T.: -0.002 min
Response: 35454604
Conc: 375.81 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660315



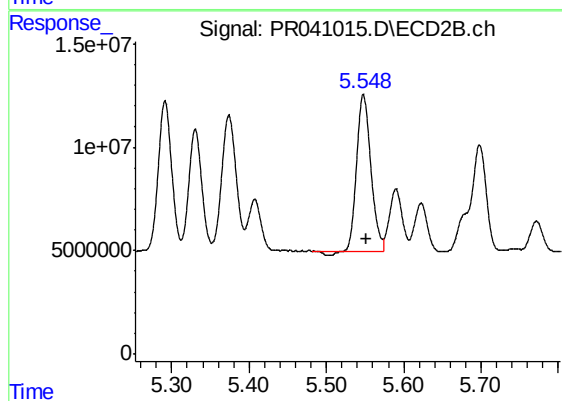
#23 AR-1248-3

R.T.: 5.374 min
Delta R.T.: -0.004 min
Response: 86377101
Conc: 425.14 ng/ml



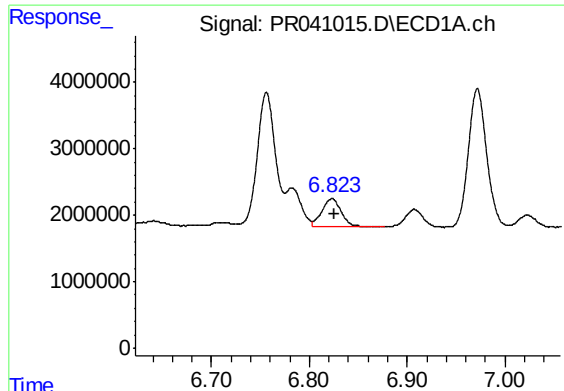
#24 AR-1248-4

R.T.: 6.756 min
Delta R.T.: -0.030 min
Response: 32193435
Conc: 275.47 ng/ml



#24 AR-1248-4

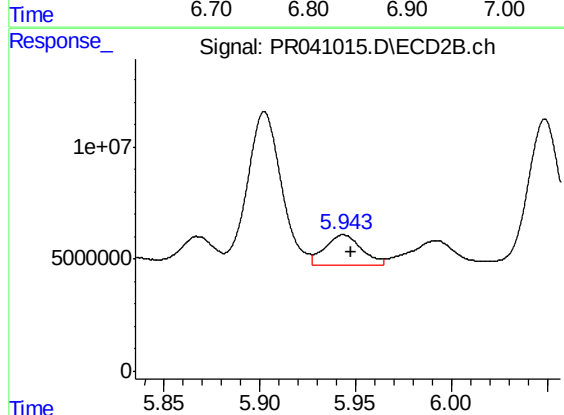
R.T.: 5.548 min
Delta R.T.: -0.004 min
Response: 95858065
Conc: 363.61 ng/ml



#25 AR-1248-5

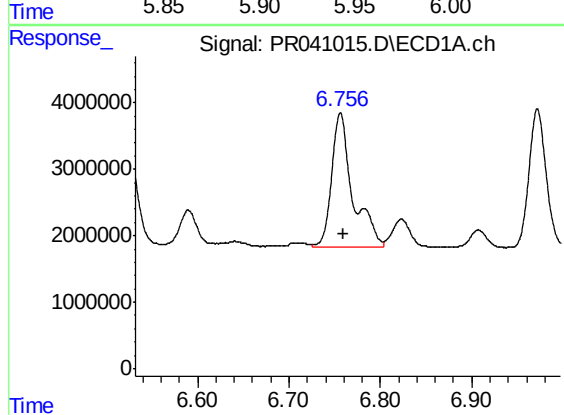
R.T.: 6.823 min
Delta R.T.: -0.002 min
Response: 5748755
Conc: 52.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660315



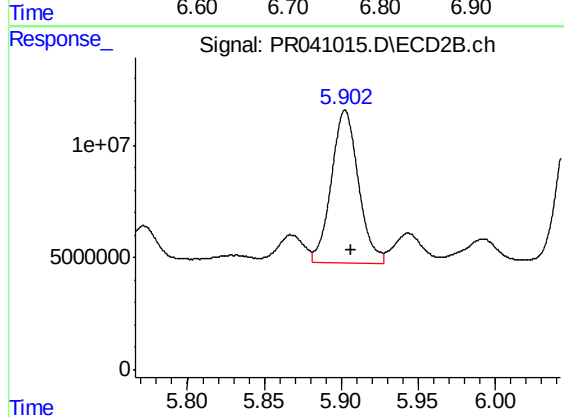
#25 AR-1248-5

R.T.: 5.944 min
Delta R.T.: -0.004 min
Response: 18003211
Conc: 56.97 ng/ml



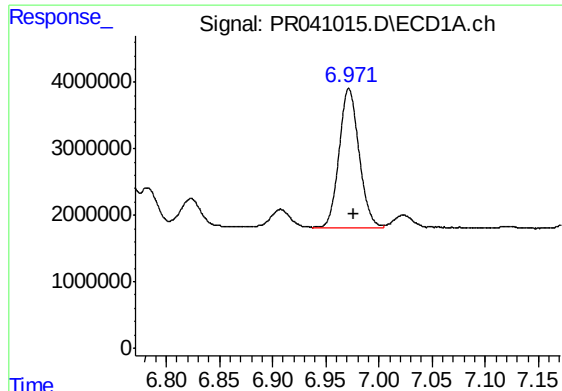
#26 AR-1254-1

R.T.: 6.756 min
Delta R.T.: -0.003 min
Response: 32193435
Conc: 262.64 ng/ml



#26 AR-1254-1

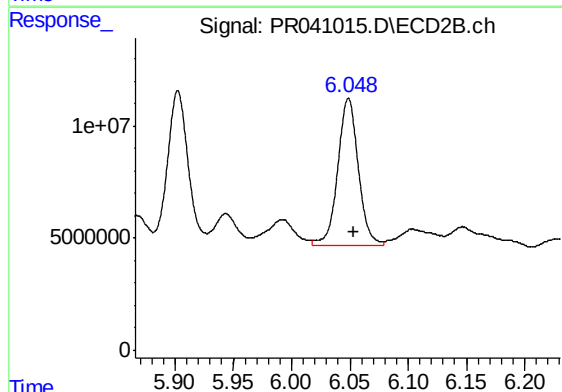
R.T.: 5.902 min
Delta R.T.: -0.004 min
Response: 83281906
Conc: 173.95 ng/ml



#27 AR-1254-2

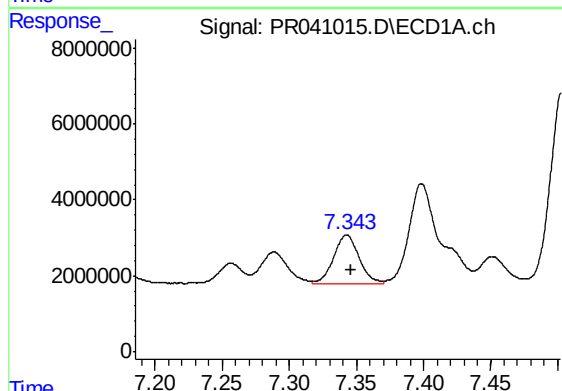
R.T.: 6.972 min
Delta R.T.: -0.005 min
Response: 27116304
Conc: 141.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660315



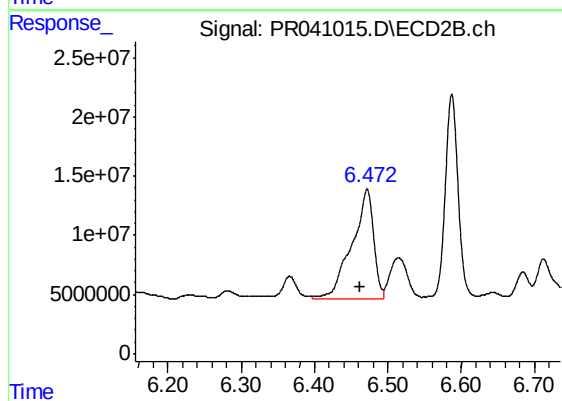
#27 AR-1254-2

R.T.: 6.049 min
Delta R.T.: -0.004 min
Response: 80671694
Conc: 182.69 ng/ml



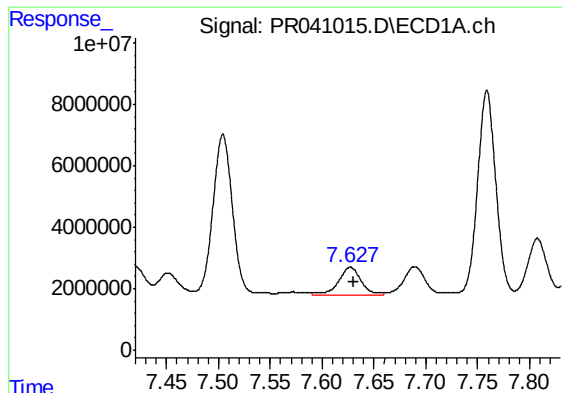
#28 AR-1254-3

R.T.: 7.343 min
Delta R.T.: -0.003 min
Response: 16690529
Conc: 77.13 ng/ml



#28 AR-1254-3

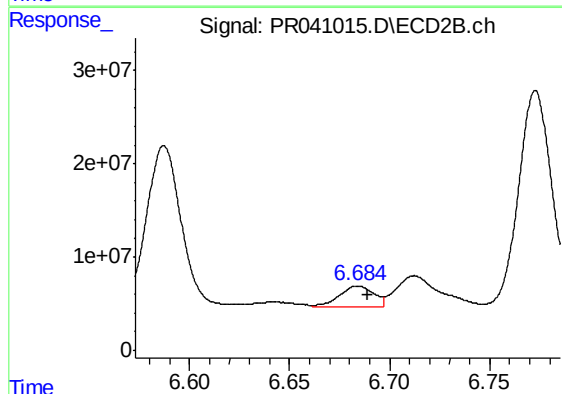
R.T.: 6.472 min
Delta R.T.: 0.010 min
Response: 192915921
Conc: 256.45 ng/ml



#29 AR-1254-4

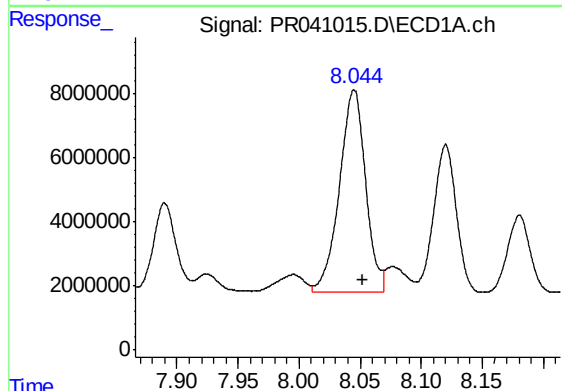
R.T.: 7.627 min
Delta R.T.: -0.004 min
Response: 13729190
Conc: 84.28 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660315



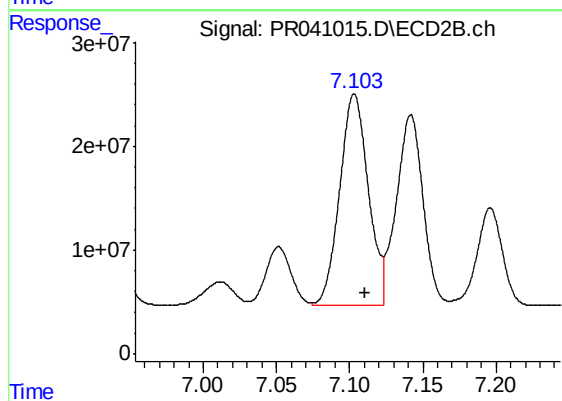
#29 AR-1254-4

R.T.: 6.684 min
Delta R.T.: -0.005 min
Response: 27720689
Conc: 53.01 ng/ml



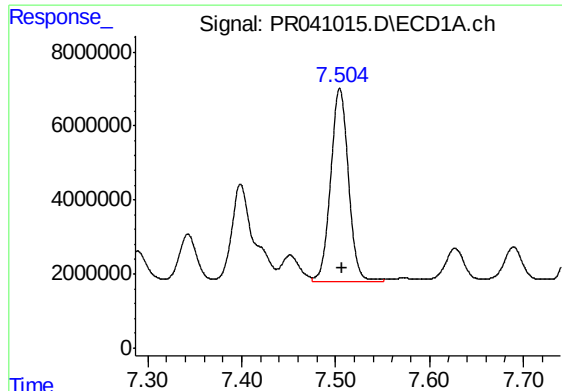
#30 AR-1254-5

R.T.: 8.045 min
Delta R.T.: -0.007 min
Response: 94529546
Conc: 517.51 ng/ml



#30 AR-1254-5

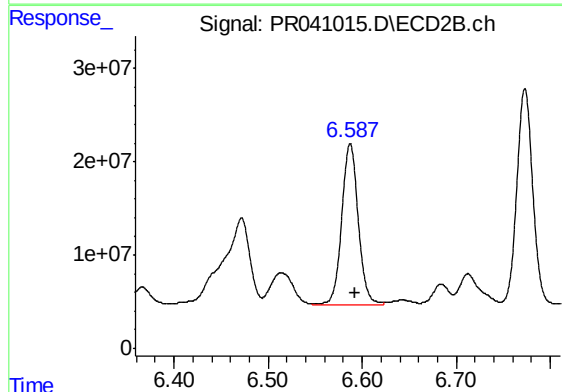
R.T.: 7.103 min
Delta R.T.: -0.007 min
Response: 277960618
Conc: 435.06 ng/ml



#31 AR-1260-1

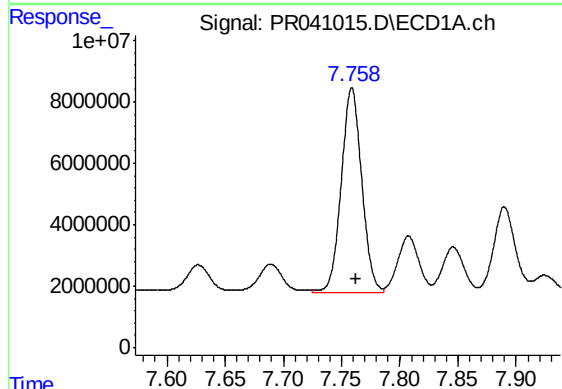
R.T.: 7.504 min
Delta R.T.: -0.003 min
Response: 68744551
Conc: 445.32 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660315



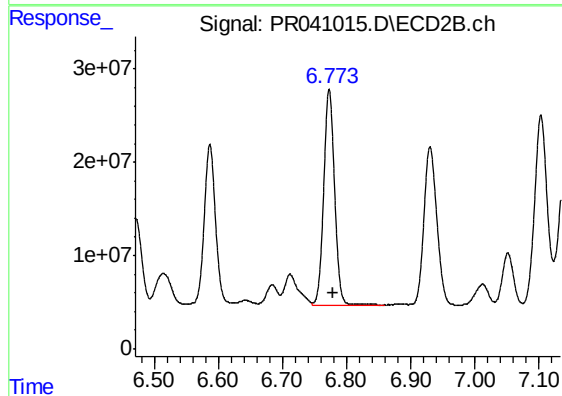
#31 AR-1260-1

R.T.: 6.587 min
Delta R.T.: -0.005 min
Response: 213634967
Conc: 419.35 ng/ml



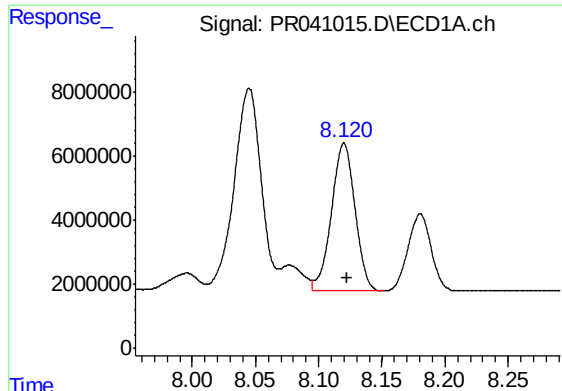
#32 AR-1260-2

R.T.: 7.759 min
Delta R.T.: -0.004 min
Response: 81700359
Conc: 444.10 ng/ml



#32 AR-1260-2

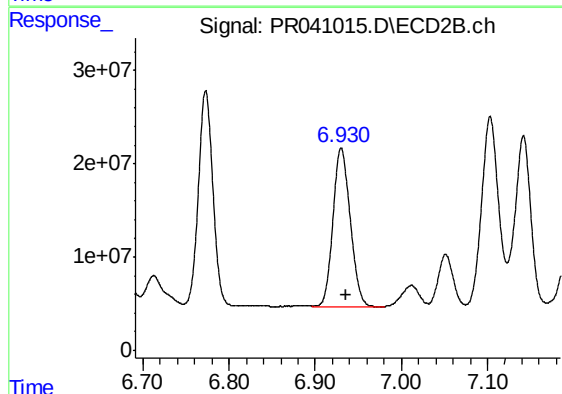
R.T.: 6.773 min
Delta R.T.: -0.006 min
Response: 277334872
Conc: 436.26 ng/ml



#33 AR-1260-3

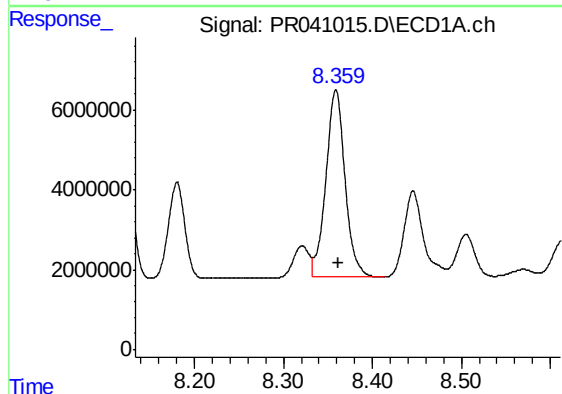
R.T.: 8.120 min
Delta R.T.: -0.003 min
Response: 59847185
Conc: 431.09 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660315



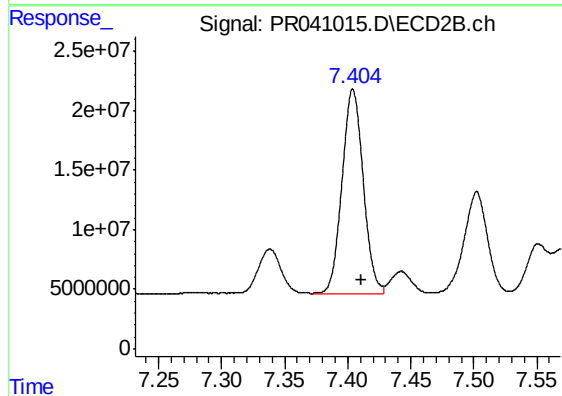
#33 AR-1260-3

R.T.: 6.930 min
Delta R.T.: -0.005 min
Response: 239824035
Conc: 415.82 ng/ml



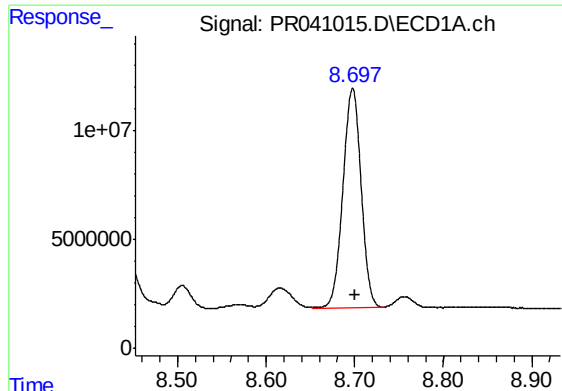
#34 AR-1260-4

R.T.: 8.359 min
Delta R.T.: -0.003 min
Response: 69450774
Conc: 427.13 ng/ml



#34 AR-1260-4

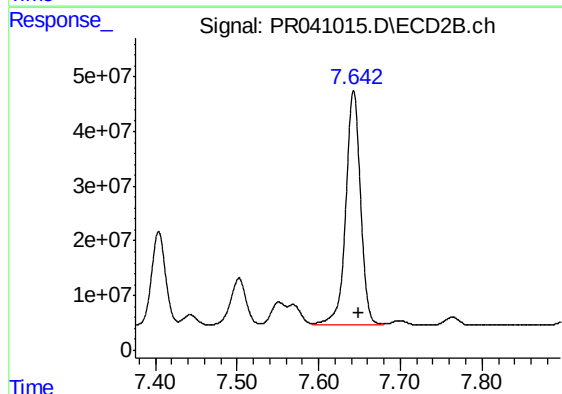
R.T.: 7.404 min
Delta R.T.: -0.007 min
Response: 200007952
Conc: 405.11 ng/ml



#35 AR-1260-5

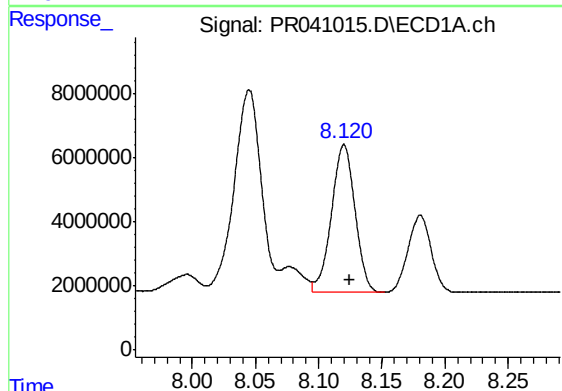
R.T.: 8.698 min
Delta R.T.: -0.003 min
Response: 144665999
Conc: 423.22 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660315



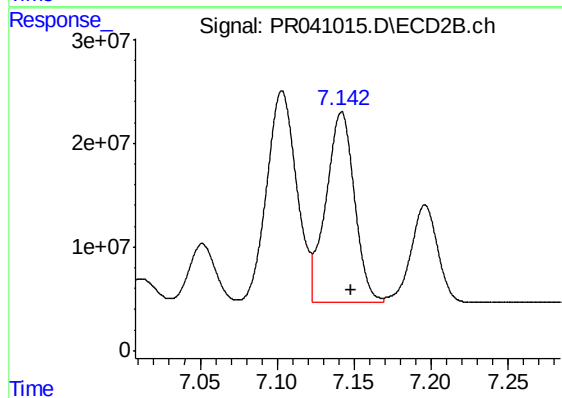
#35 AR-1260-5

R.T.: 7.643 min
Delta R.T.: -0.006 min
Response: 540552979
Conc: 415.47 ng/ml



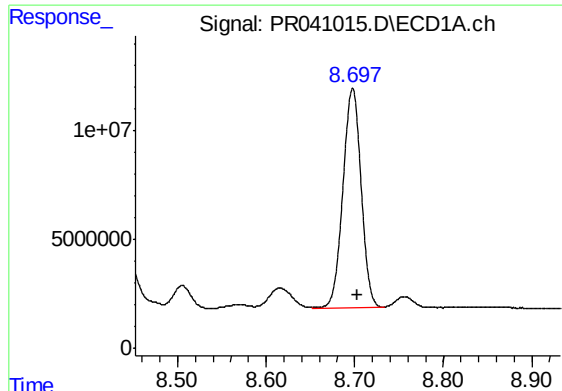
#36 AR-1262-1

R.T.: 8.120 min
Delta R.T.: -0.005 min
Response: 59847185
Conc: 264.03 ng/ml



#36 AR-1262-1

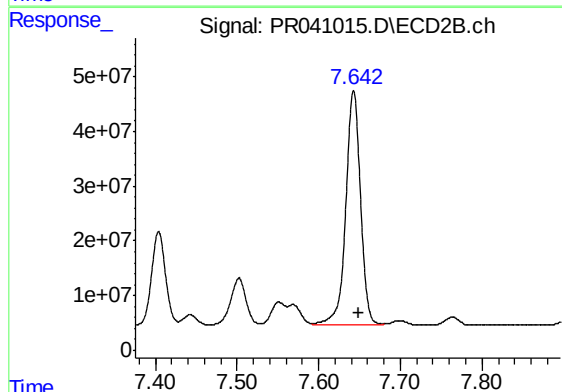
R.T.: 7.142 min
Delta R.T.: -0.006 min
Response: 235700609
Conc: 287.59 ng/ml



#37 AR-1262-2

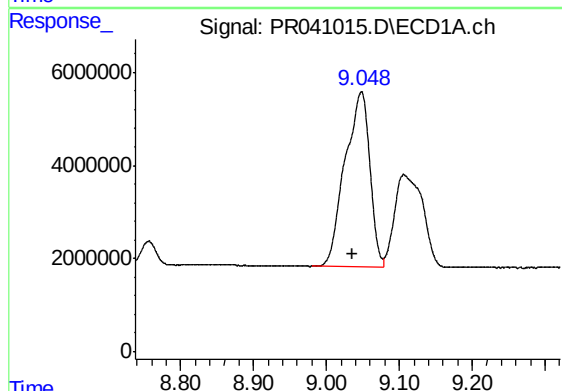
R.T.: 8.698 min
Delta R.T.: -0.006 min
Response: 144665999
Conc: 330.17 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660315



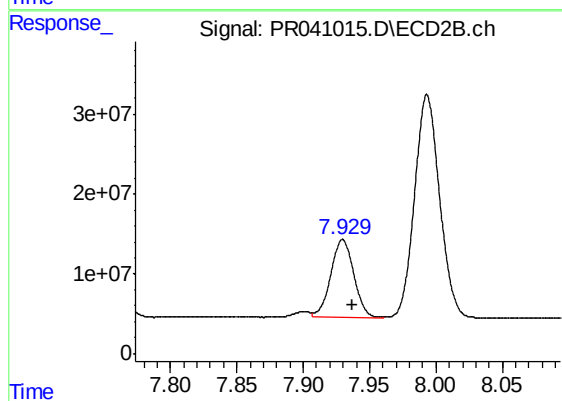
#37 AR-1262-2

R.T.: 7.643 min
Delta R.T.: -0.007 min
Response: 540552979
Conc: 346.42 ng/ml



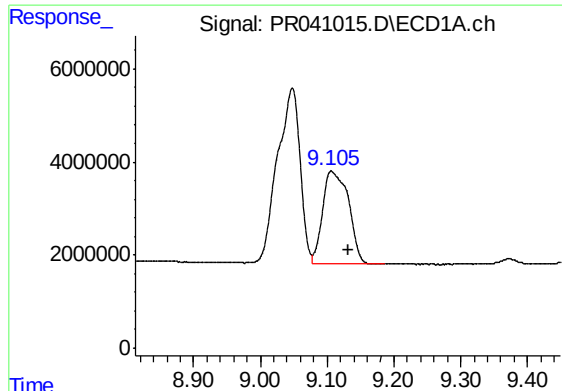
#38 AR-1262-3

R.T.: 9.048 min
Delta R.T.: 0.013 min
Response: 88933497
Conc: 316.78 ng/ml



#38 AR-1262-3

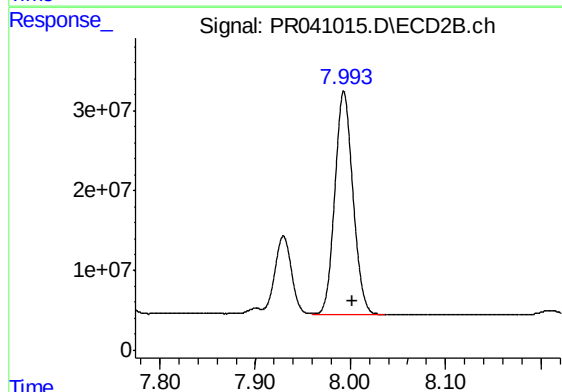
R.T.: 7.930 min
Delta R.T.: -0.007 min
Response: 118149183
Conc: 195.65 ng/ml



#39 AR-1262-4

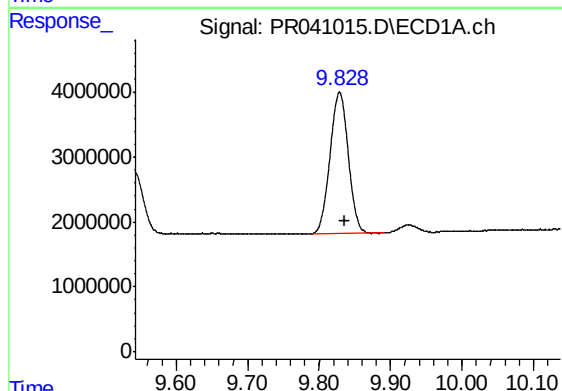
R.T.: 9.107 min
Delta R.T.: -0.026 min
Response: 53320495
Conc: 262.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660315



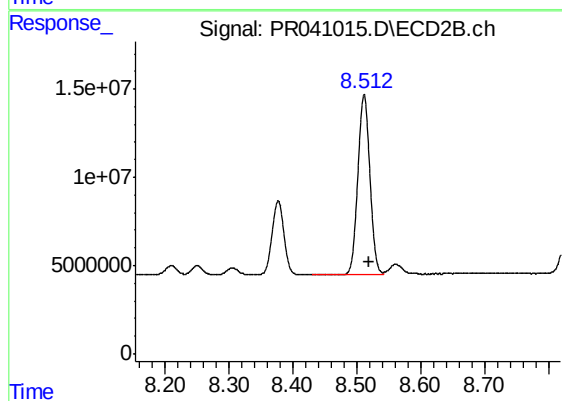
#39 AR-1262-4

R.T.: 7.993 min
Delta R.T.: -0.008 min
Response: 365423673
Conc: 327.70 ng/ml



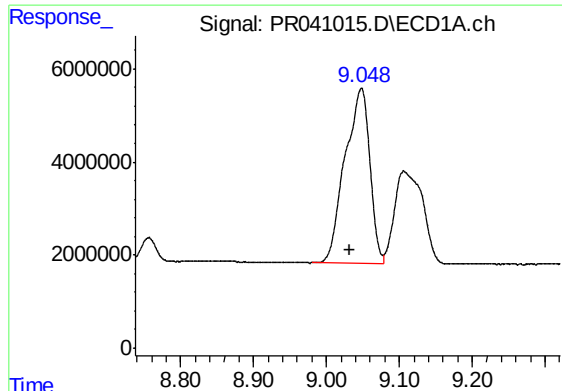
#40 AR-1262-5

R.T.: 9.829 min
Delta R.T.: -0.007 min
Response: 38533100
Conc: 265.49 ng/ml



#40 AR-1262-5

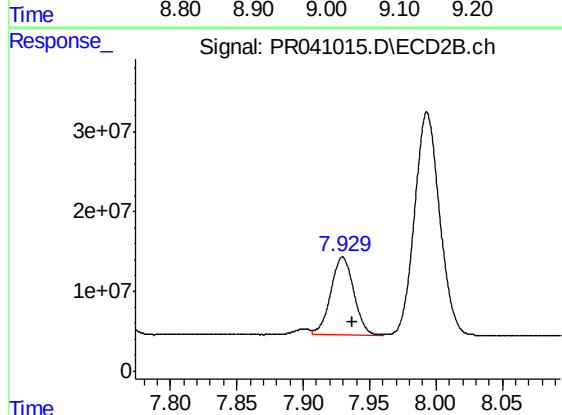
R.T.: 8.512 min
Delta R.T.: -0.008 min
Response: 134646299
Conc: 257.67 ng/ml



#41 AR-1268-1

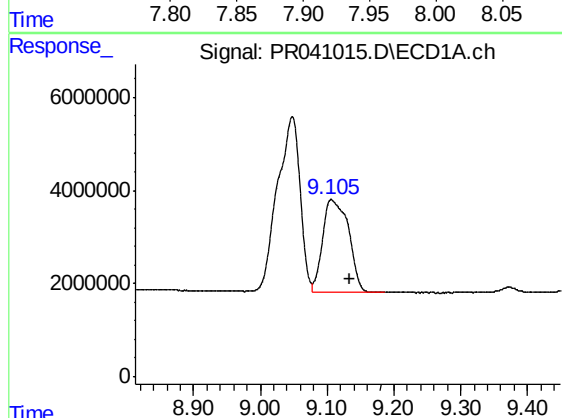
R.T.: 9.048 min
Delta R.T.: 0.015 min
Response: 88933497
Conc: 199.46 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660315



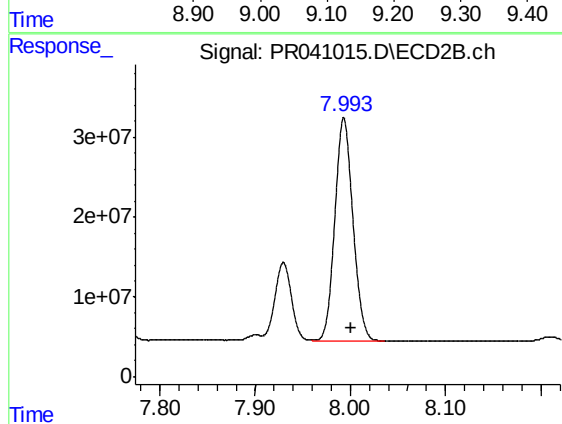
#41 AR-1268-1

R.T.: 7.930 min
Delta R.T.: -0.007 min
Response: 118149183
Conc: 73.68 ng/ml



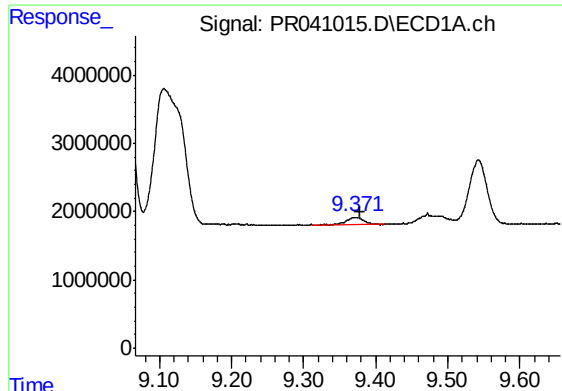
#42 AR-1268-2

R.T.: 9.107 min
Delta R.T.: -0.027 min
Response: 53320495
Conc: 130.60 ng/ml



#42 AR-1268-2

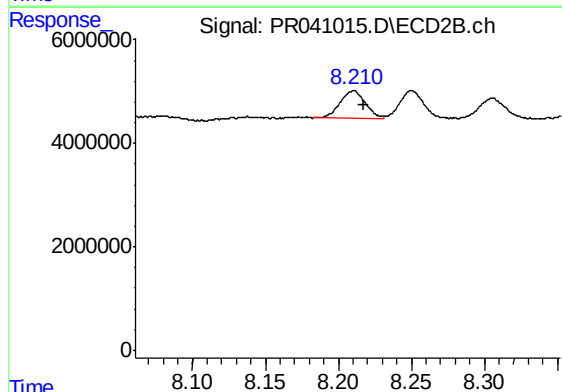
R.T.: 7.993 min
Delta R.T.: -0.008 min
Response: 365423673
Conc: 244.52 ng/ml



#43 AR-1268-3

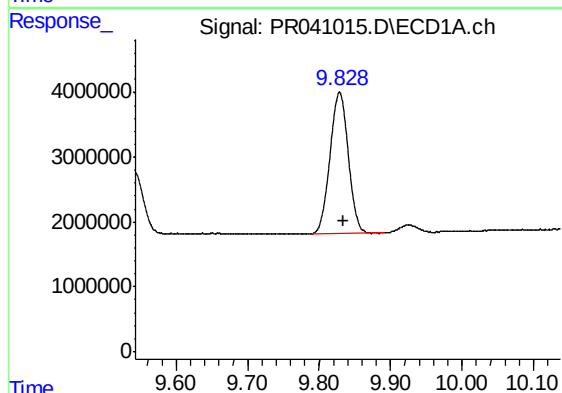
R.T.: 9.372 min
Delta R.T.: -0.005 min
Response: 1753460
Conc: 5.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660315



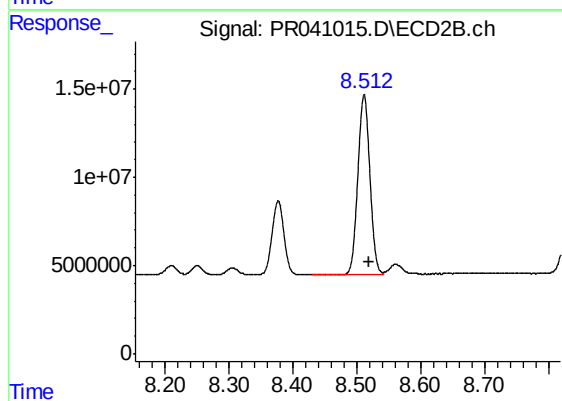
#43 AR-1268-3

R.T.: 8.210 min
Delta R.T.: -0.007 min
Response: 6372943
Conc: 5.10 ng/ml



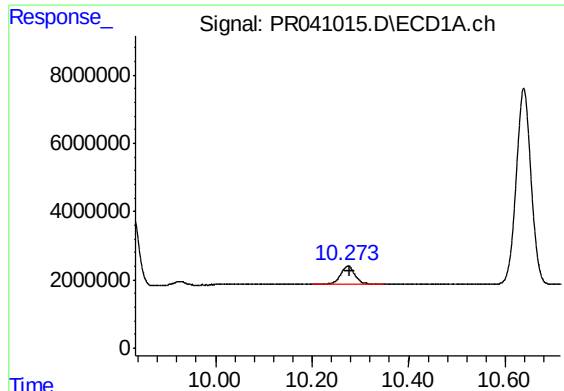
#44 AR-1268-4

R.T.: 9.829 min
Delta R.T.: -0.006 min
Response: 38533100
Conc: 268.67 ng/ml



#44 AR-1268-4

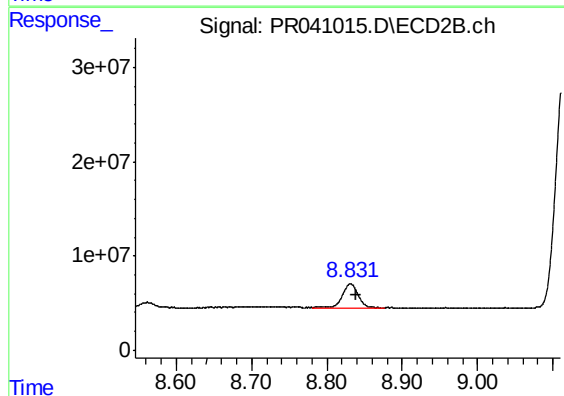
R.T.: 8.512 min
Delta R.T.: -0.007 min
Response: 134646299
Conc: 258.55 ng/ml



#45 AR-1268-5

R.T.: 10.274 min
Delta R.T.: -0.006 min
Response: 10541493
Conc: 9.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660315



#45 AR-1268-5

R.T.: 8.831 min
Delta R.T.: -0.007 min
Response: 36005246
Conc: 9.76 ng/ml