

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102220\
 Data File : PR048030.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Oct 2020 18:32
 Operator : AJ\MA
 Sample : L4451-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 C0AG7

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 23 04:06:43 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR102120CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 21 10:52:16 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...	4.730	3.883	42525387	61866291	23.542	22.909
2)	SA Decachlor...	10.667	8.982	88508810	479.9E6	43.943	42.893
Target Compounds							
3)	L1 AR-1016-1	5.917	4.968	2303072	16565736	30.396	226.753 #
4)	L1 AR-1016-2	5.917	4.968	2303072	16565736	21.635	112.309 #
5)	L1 AR-1016-3	0.000	5.193	0	23938846	N.D.	310.835 #
6)	L1 AR-1016-4	6.140f	5.193	3344904	23938846	62.727	584.751 #
7)	L1 AR-1016-5	6.394	5.420	5761501	1144129	107.137	15.618 #
8)	L2 AR-1221-1	0.000	4.087	0	438798	N.D.	14.861 #
9)	L2 AR-1221-2	0.000	4.186	0	668577	N.D.	31.291 #
10)	L2 AR-1221-3	0.000	4.321f	0	1861065	N.D.	27.410 #
11)	L3 AR-1232-1	0.000	4.321f	0	1861065	N.D.	32.671 #
12)	L3 AR-1232-2	0.000	4.968	0	16565736	N.D.	253.520 #
13)	L3 AR-1232-3	5.917	5.193	2303072	23938846	48.334	687.216 #
14)	L3 AR-1232-4	6.140f	5.283	3344904	8336977	139.081	351.497 #
15)	L3 AR-1232-5	6.140f	5.420	3344904	1144129	177.082	35.751 #
16)	L4 AR-1242-1	5.917	4.968	2303072	16565736	36.223	269.670 #
17)	L4 AR-1242-2	5.917	4.968	2303072	16565736	25.865	139.315 #
18)	L4 AR-1242-3	0.000	5.193	0	23938846	N.D.	349.805 #
19)	L4 AR-1242-4	6.140f	5.283	3344904	8336977	74.541	167.903 #
20)	L4 AR-1242-5	6.836	5.765	1608200	28017047	30.183	327.896 #
21)	L5 AR-1248-1	5.917	4.968	2303072	16565736	49.176	362.979 #
22)	L5 AR-1248-2	6.140f	5.193	3344904	23938846	49.949	415.326 #
23)	L5 AR-1248-3	6.394	5.283	5761501	8336977	77.536	117.386 #
24)	L5 AR-1248-4	6.768	5.420	4620813	1144129	51.286	11.613 #
25)	L5 AR-1248-5	6.836	5.832	1608200	993667	18.620	6.594 #
26)	L6 AR-1254-1	6.768	5.765	4620813	28017047	49.817	174.635 #
27)	L6 AR-1254-2	6.998	5.929	16129727	5036207	111.947	30.733 #
28)	L6 AR-1254-3	7.357	6.352	2927146	22316034	19.090	62.110 #
29)	L6 AR-1254-4	7.622	6.567	30137575	11539736	254.125	24.029 #
30)	L6 AR-1254-5	8.064	6.992	32113047	114.1E6	252.188	183.362 #
31)	L7 AR-1260-1	7.510	6.472	57349853	67270191	558.969	379.460 #
32)	L7 AR-1260-2	7.774	6.658	15437077	60325365	121.667	100.205
33)	L7 AR-1260-3	8.137	6.812	12656693	37967042	130.729	102.641
34)	L7 AR-1260-4	8.376	7.289	15091845	49260065	137.926	108.823
35)	L7 AR-1260-5	8.715	7.534	30306664	435.6E6	133.364	231.226 #
36)	L8 AR-1262-1	8.137	6.992	12656693	114.1E6	90.020	354.989 #
37)	L8 AR-1262-2	8.715	7.534	30306664	435.6E6	120.171	209.538 #
38)	L8 AR-1262-3	9.069	7.821	22027835	51381009	126.502	62.239 #
39)	L8 AR-1262-4	9.127	7.885	12977532	151.7E6	98.139	113.333
40)	L8 AR-1262-5	9.853	8.398	9713380	57497622	101.321	90.527
41)	L9 AR-1268-1	9.069	7.821	22027835	51381009	72.425	20.689 #
42)	L9 AR-1268-2	9.127	7.885	12977532	151.7E6	46.115	72.623 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102220\
 Data File : PR048030.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Oct 2020 18:32
 Operator : AJ\MA
 Sample : L4451-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

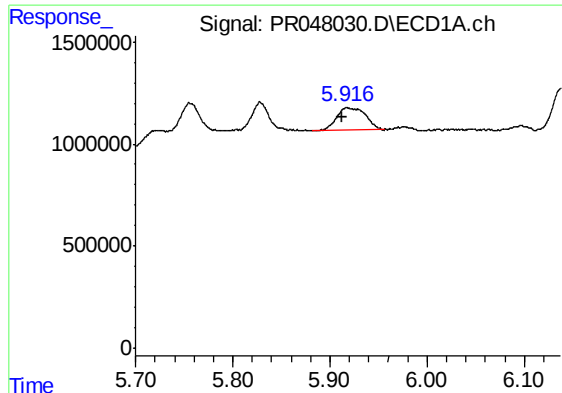
Instrument :
 ECD_R
 ClientSampleId :
 C0AG7

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 23 04:06:43 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR102120CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 21 10:52:16 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	9.349f	8.091	1093028	12438650	4.525	6.662 #
44) L9	AR-1268-4	9.853	8.398	9713380	57497622	89.322	78.863
45) L9	AR-1268-5	10.301	8.709	3511623	17828127	4.480	3.302 #

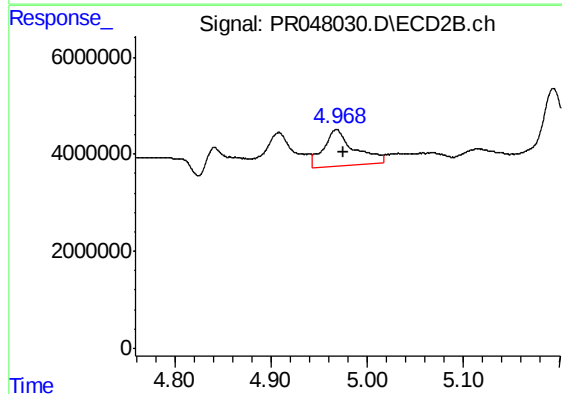
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

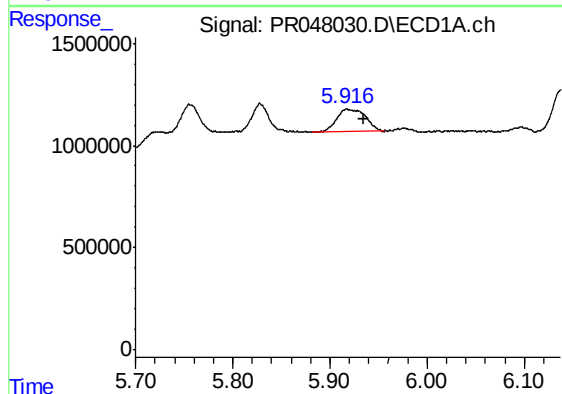
R.T.: 5.917 min
Delta R.T.: 0.005 min
Response: 2303072
Conc: 30.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AG7



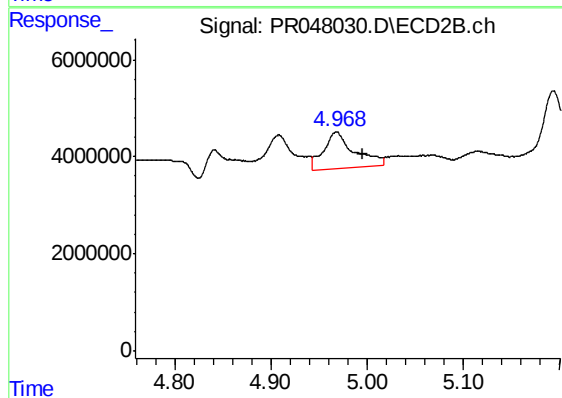
#3 AR-1016-1

R.T.: 4.968 min
Delta R.T.: -0.007 min
Response: 16565736
Conc: 226.75 ng/ml



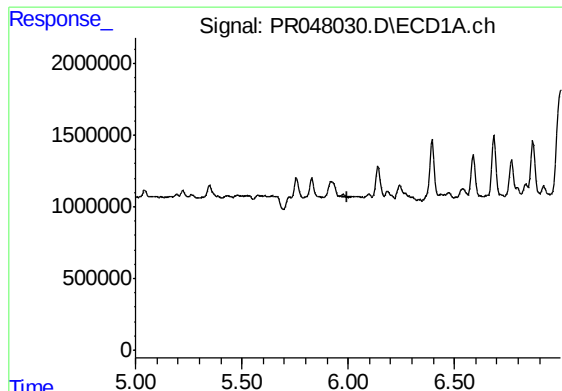
#4 AR-1016-2

R.T.: 5.917 min
Delta R.T.: -0.018 min
Response: 2303072
Conc: 21.64 ng/ml



#4 AR-1016-2

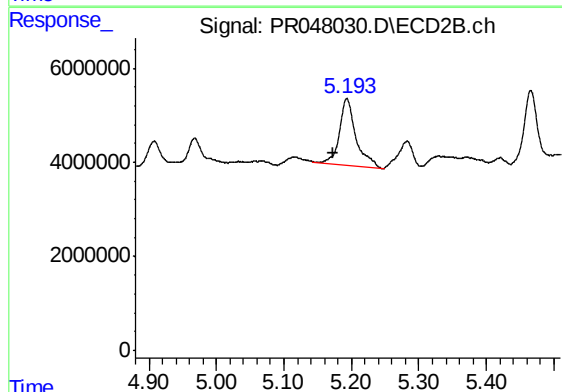
R.T.: 4.968 min
Delta R.T.: -0.027 min
Response: 16565736
Conc: 112.31 ng/ml



#5 AR-1016-3

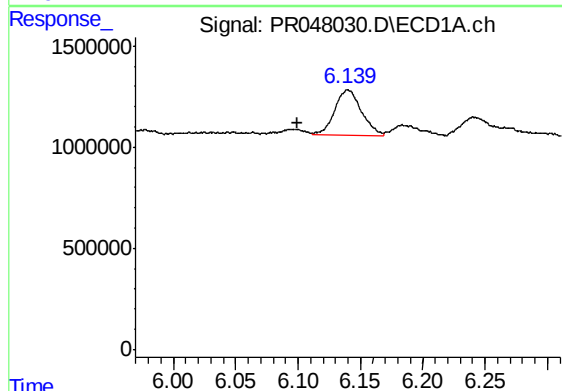
R.T.: 0.000 min
Exp R.T.: 5.999 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
C0AG7



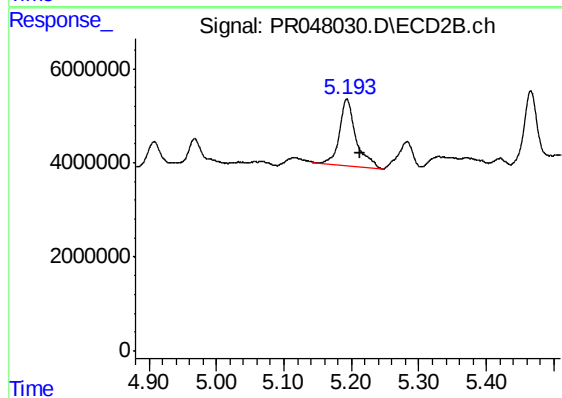
#5 AR-1016-3

R.T.: 5.193 min
Delta R.T.: 0.021 min
Response: 23938846
Conc: 310.83 ng/ml



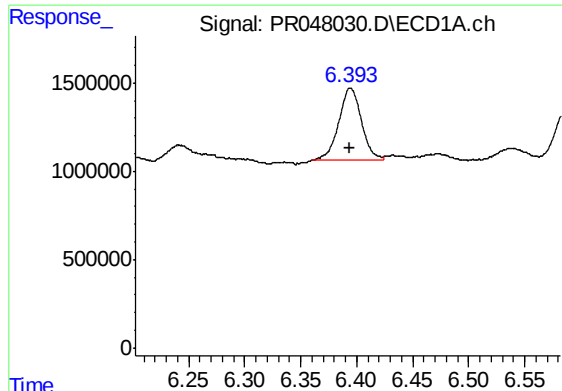
#6 AR-1016-4

R.T.: 6.140 min
Delta R.T.: 0.041 min
Response: 3344904
Conc: 62.73 ng/ml



#6 AR-1016-4

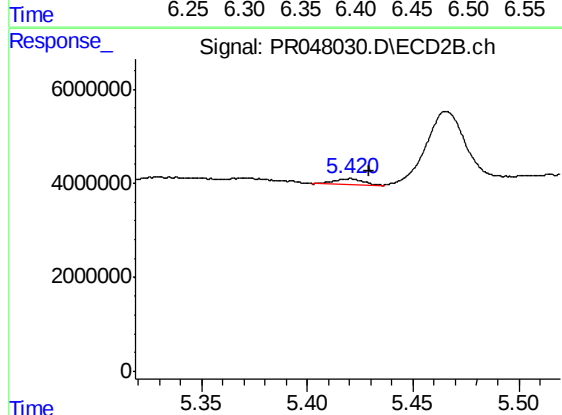
R.T.: 5.193 min
Delta R.T.: -0.019 min
Response: 23938846
Conc: 584.75 ng/ml



#7 AR-1016-5

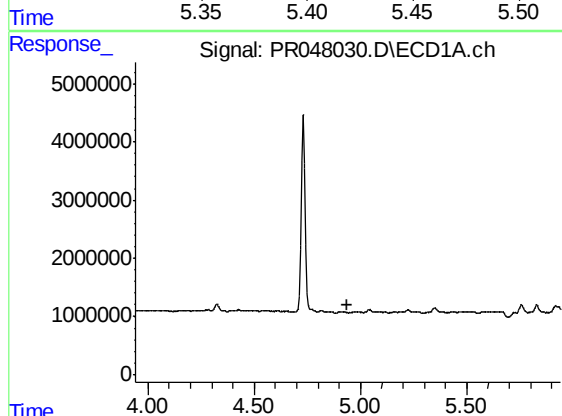
R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 5761501
Conc: 107.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AG7



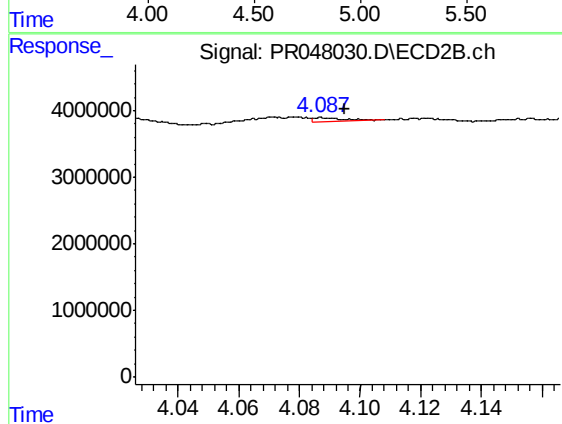
#7 AR-1016-5

R.T.: 5.420 min
Delta R.T.: -0.009 min
Response: 1144129
Conc: 15.62 ng/ml



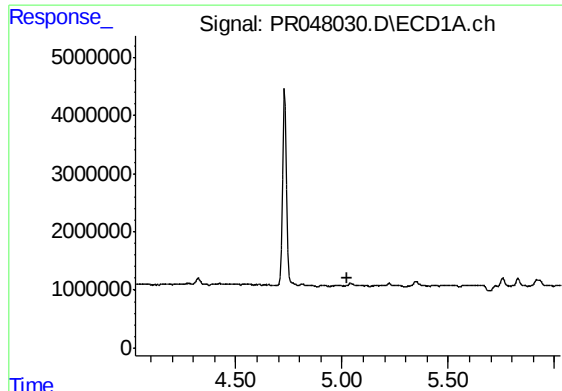
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.940 min
Response: 0
Conc: N.D.



#8 AR-1221-1

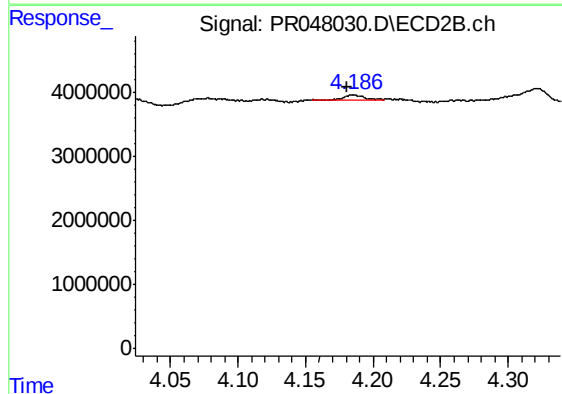
R.T.: 4.087 min
Delta R.T.: -0.008 min
Response: 438798
Conc: 14.86 ng/ml



#9 AR-1221-2

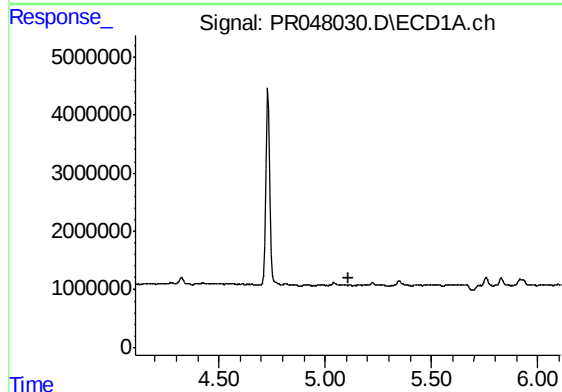
R.T.: 0.000 min
Exp R.T. : 5.028 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
C0AG7



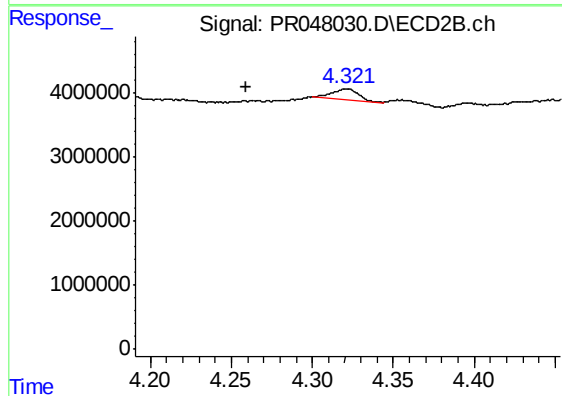
#9 AR-1221-2

R.T.: 4.186 min
Delta R.T.: 0.005 min
Response: 668577
Conc: 31.29 ng/ml



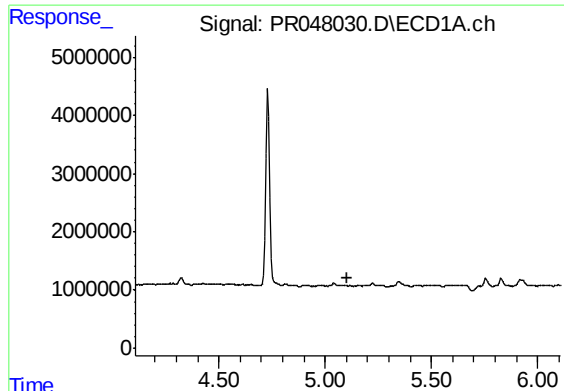
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.107 min
Response: 0
Conc: N.D.



#10 AR-1221-3

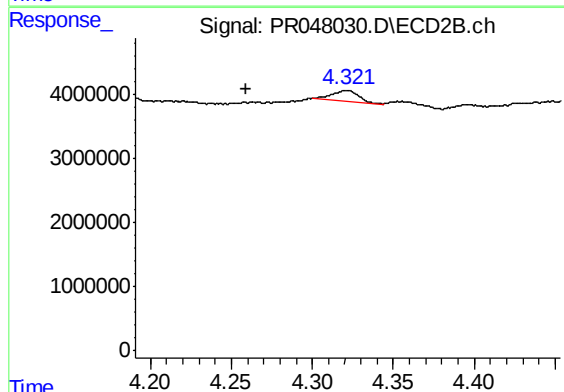
R.T.: 4.321 min
Delta R.T.: 0.062 min
Response: 1861065
Conc: 27.41 ng/ml



#11 AR-1232-1

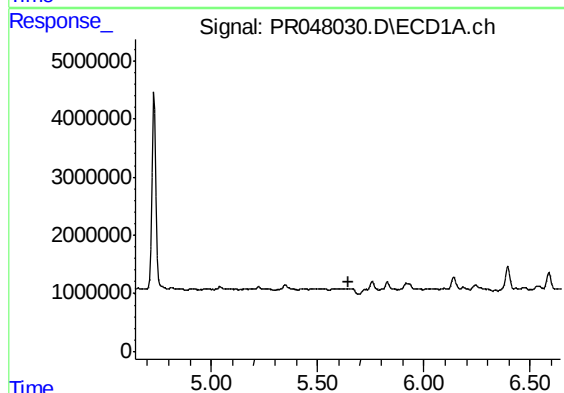
R.T.: 0.000 min
Exp R.T. : 5.107 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
C0AG7



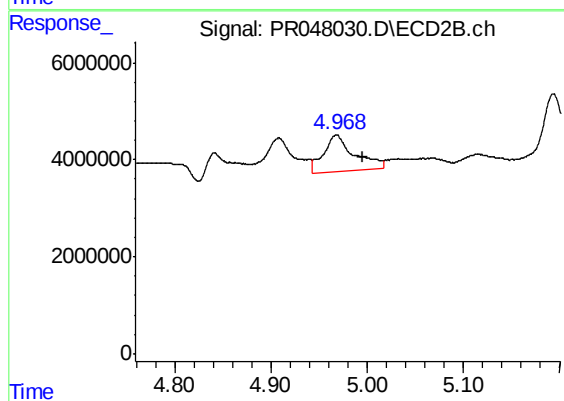
#11 AR-1232-1

R.T.: 4.321 min
Delta R.T.: 0.061 min
Response: 1861065
Conc: 32.67 ng/ml



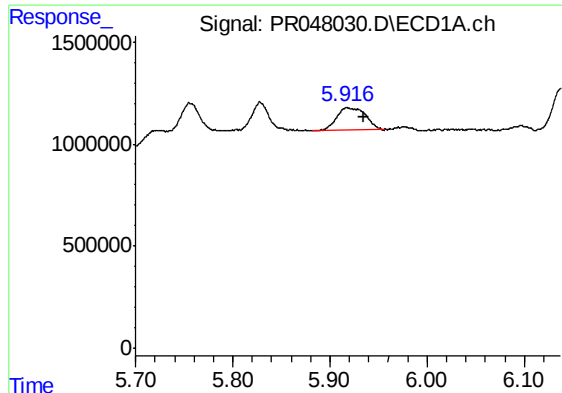
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.643 min
Response: 0
Conc: N.D.



#12 AR-1232-2

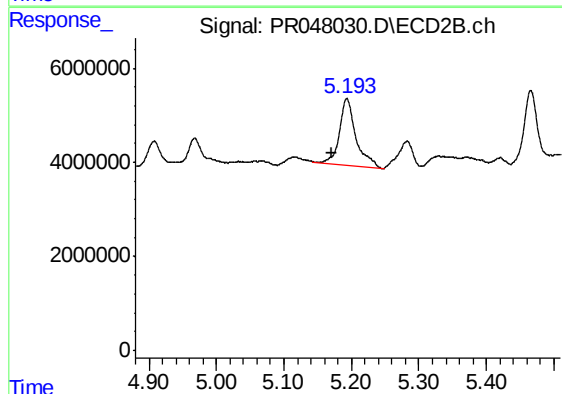
R.T.: 4.968 min
Delta R.T.: -0.027 min
Response: 16565736
Conc: 253.52 ng/ml



#13 AR-1232-3

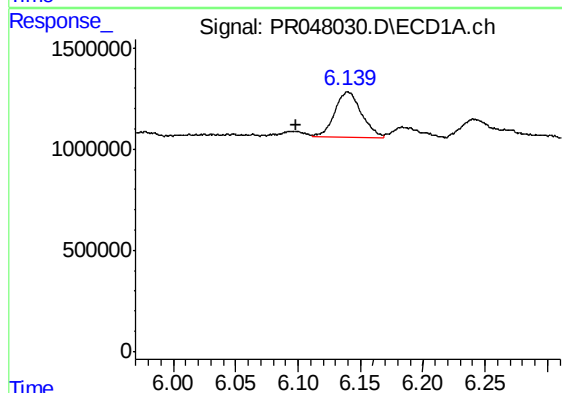
R.T.: 5.917 min
Delta R.T.: -0.017 min
Response: 2303072
Conc: 48.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AG7



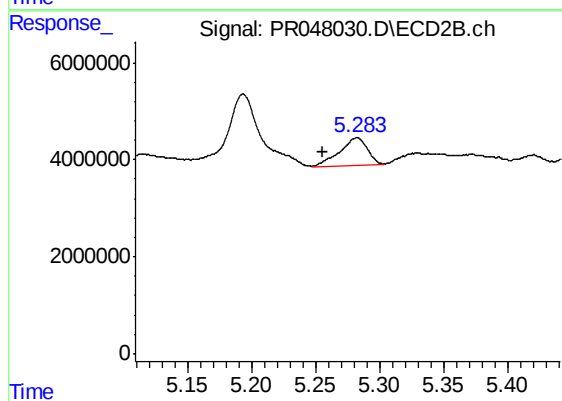
#13 AR-1232-3

R.T.: 5.193 min
Delta R.T.: 0.021 min
Response: 23938846
Conc: 687.22 ng/ml



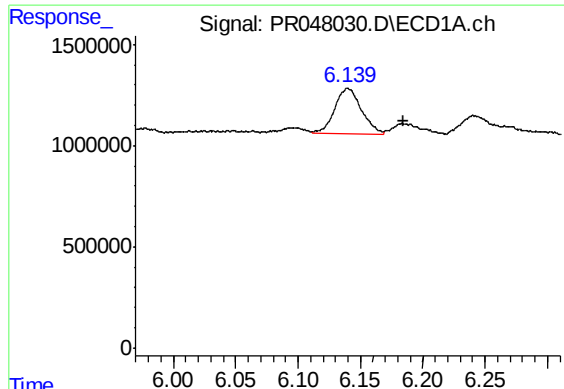
#14 AR-1232-4

R.T.: 6.140 min
Delta R.T.: 0.042 min
Response: 3344904
Conc: 139.08 ng/ml



#14 AR-1232-4

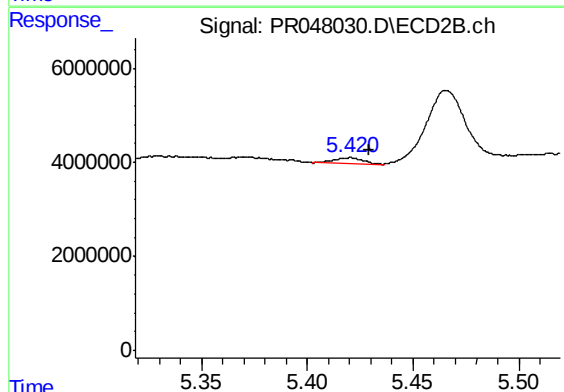
R.T.: 5.283 min
Delta R.T.: 0.026 min
Response: 8336977
Conc: 351.50 ng/ml



#15 AR-1232-5

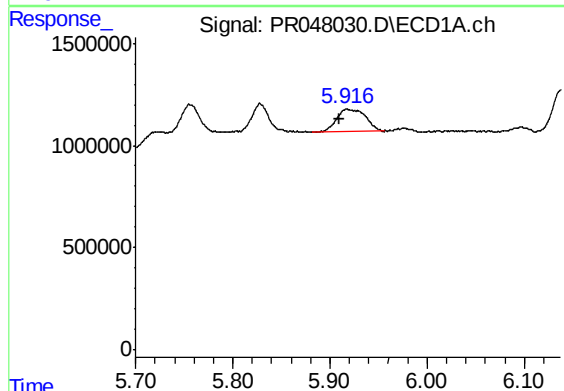
R.T.: 6.140 min
Delta R.T.: -0.045 min
Response: 3344904
Conc: 177.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AG7



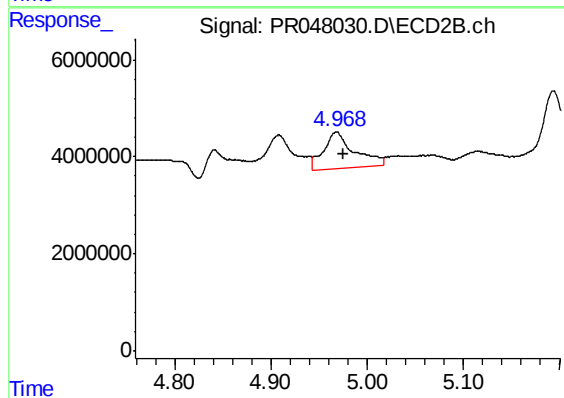
#15 AR-1232-5

R.T.: 5.420 min
Delta R.T.: -0.009 min
Response: 1144129
Conc: 35.75 ng/ml



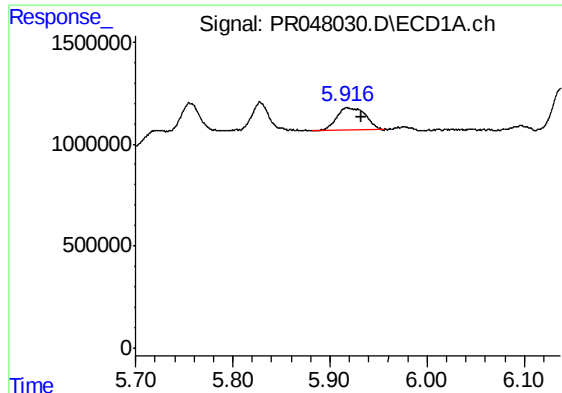
#16 AR-1242-1

R.T.: 5.917 min
Delta R.T.: 0.008 min
Response: 2303072
Conc: 36.22 ng/ml



#16 AR-1242-1

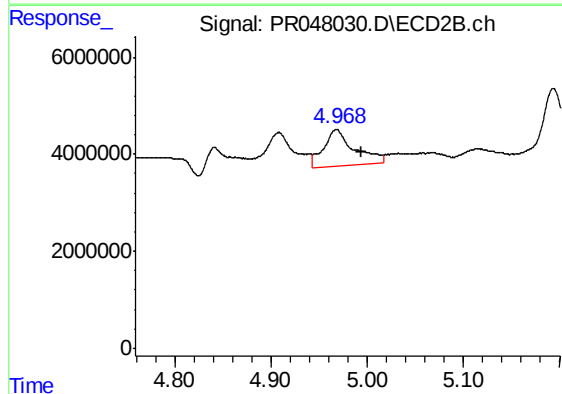
R.T.: 4.968 min
Delta R.T.: -0.007 min
Response: 16565736
Conc: 269.67 ng/ml



#17 AR-1242-2

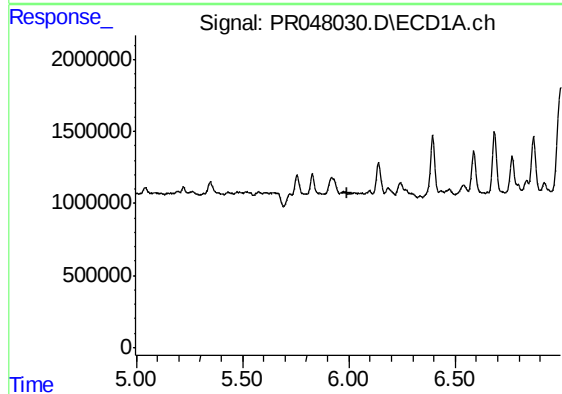
R.T.: 5.917 min
Delta R.T.: -0.015 min
Response: 2303072
Conc: 25.87 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AG7



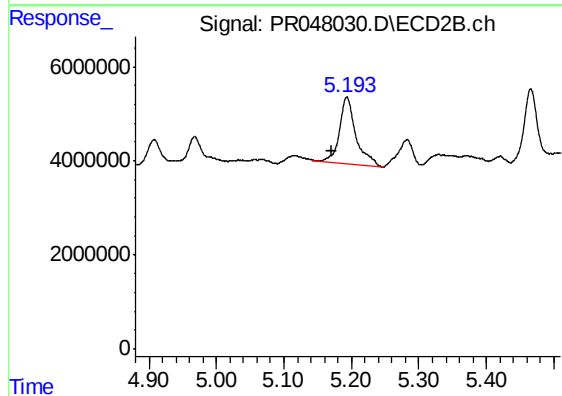
#17 AR-1242-2

R.T.: 4.968 min
Delta R.T.: -0.026 min
Response: 16565736
Conc: 139.31 ng/ml



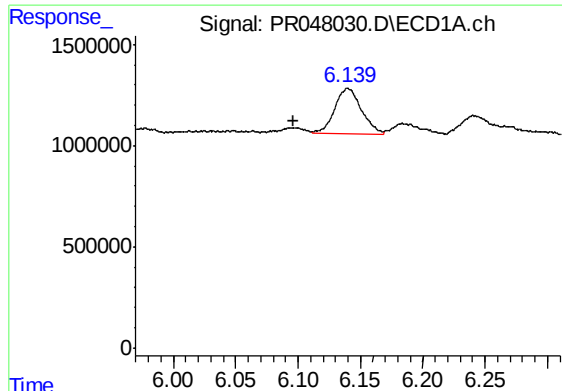
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.996 min
Response: 0
Conc: N.D.



#18 AR-1242-3

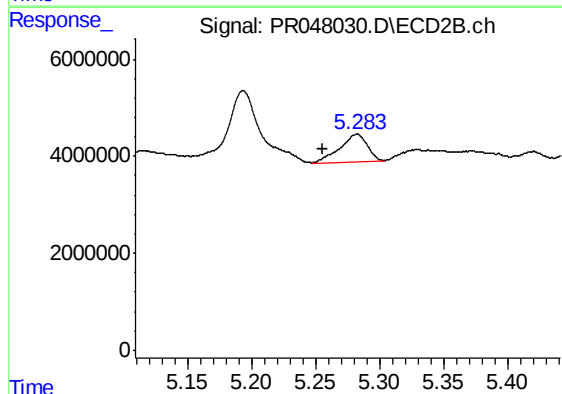
R.T.: 5.193 min
Delta R.T.: 0.022 min
Response: 23938846
Conc: 349.80 ng/ml



#19 AR-1242-4

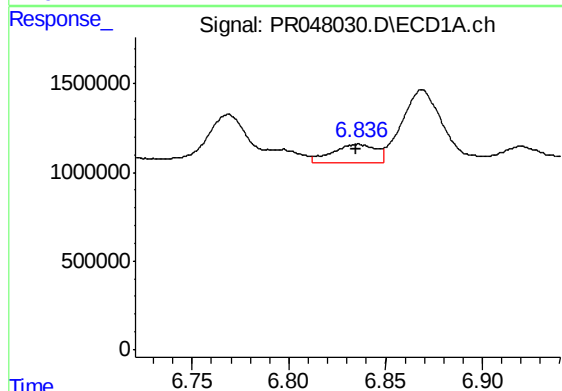
R.T.: 6.140 min
Delta R.T.: 0.044 min
Response: 3344904
Conc: 74.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AG7



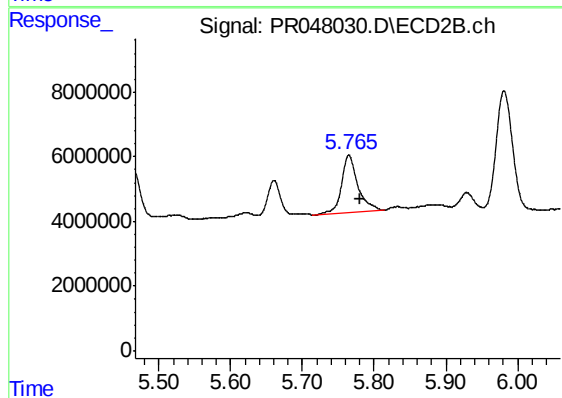
#19 AR-1242-4

R.T.: 5.283 min
Delta R.T.: 0.027 min
Response: 8336977
Conc: 167.90 ng/ml



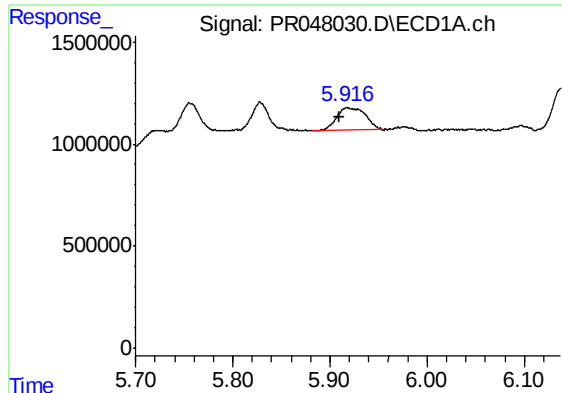
#20 AR-1242-5

R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 1608200
Conc: 30.18 ng/ml



#20 AR-1242-5

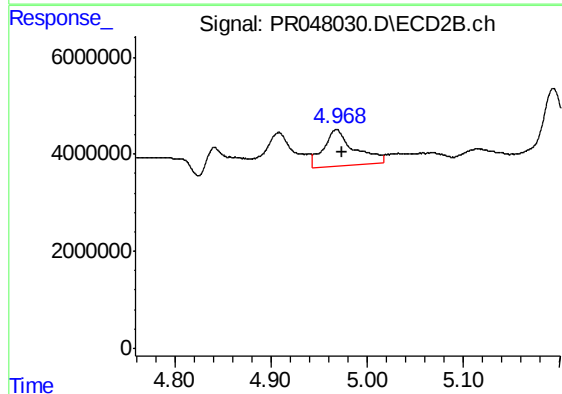
R.T.: 5.765 min
Delta R.T.: -0.016 min
Response: 28017047
Conc: 327.90 ng/ml



#21 AR-1248-1

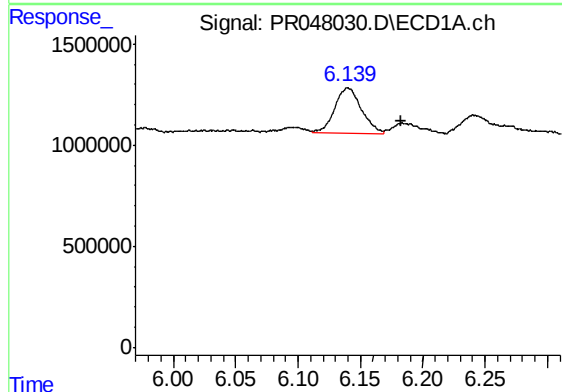
R.T.: 5.917 min
Delta R.T.: 0.007 min
Response: 2303072
Conc: 49.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AG7



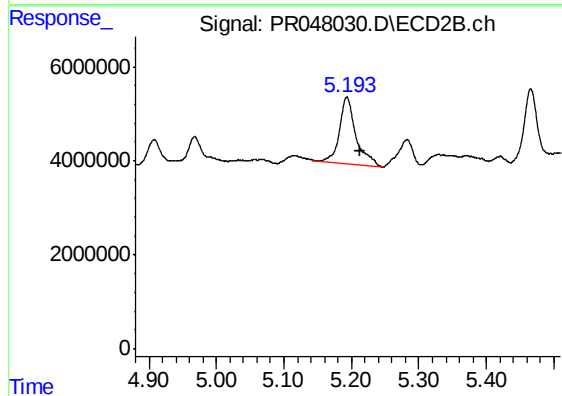
#21 AR-1248-1

R.T.: 4.968 min
Delta R.T.: -0.006 min
Response: 16565736
Conc: 362.98 ng/ml



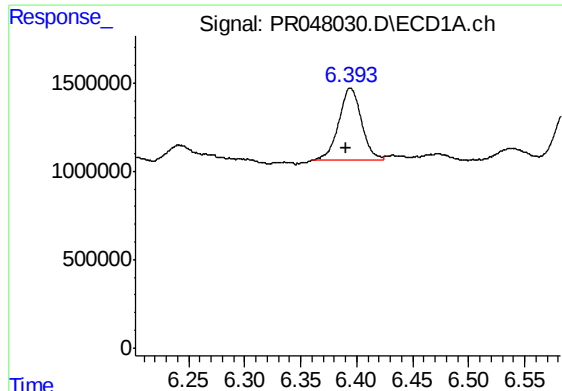
#22 AR-1248-2

R.T.: 6.140 min
Delta R.T.: -0.043 min
Response: 3344904
Conc: 49.95 ng/ml



#22 AR-1248-2

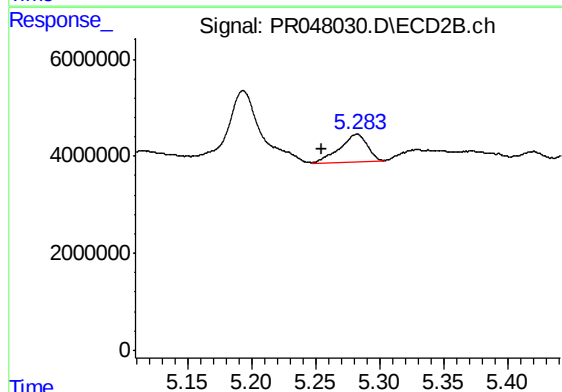
R.T.: 5.193 min
Delta R.T.: -0.019 min
Response: 23938846
Conc: 415.33 ng/ml



#23 AR-1248-3

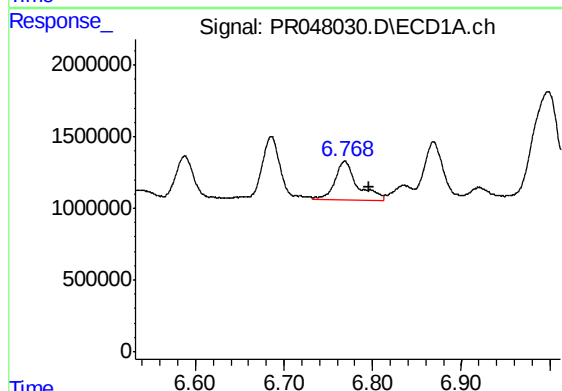
R.T.: 6.394 min
Delta R.T.: 0.003 min
Response: 5761501
Conc: 77.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AG7



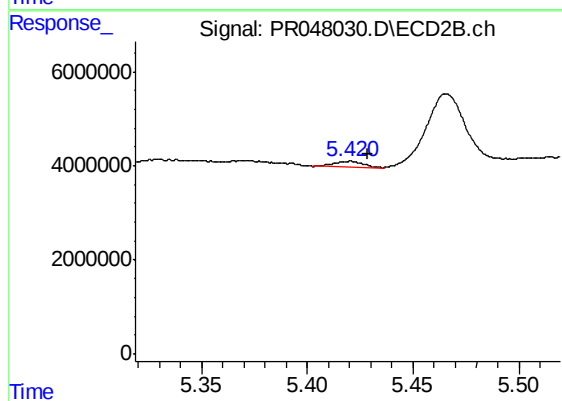
#23 AR-1248-3

R.T.: 5.283 min
Delta R.T.: 0.027 min
Response: 8336977
Conc: 117.39 ng/ml



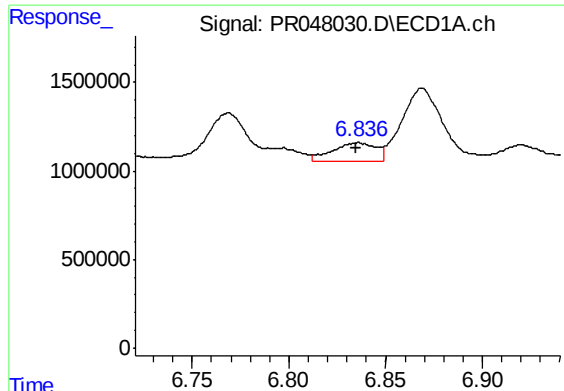
#24 AR-1248-4

R.T.: 6.768 min
Delta R.T.: -0.027 min
Response: 4620813
Conc: 51.29 ng/ml



#24 AR-1248-4

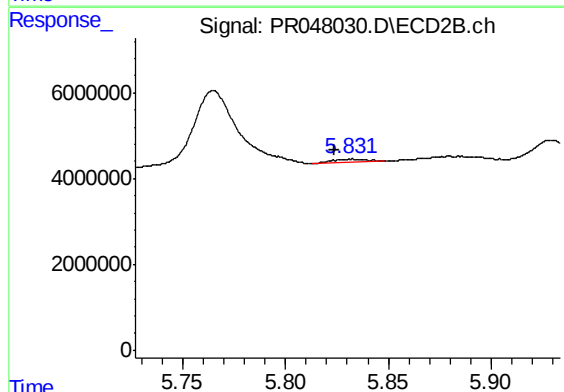
R.T.: 5.420 min
Delta R.T.: -0.008 min
Response: 1144129
Conc: 11.61 ng/ml



#25 AR-1248-5

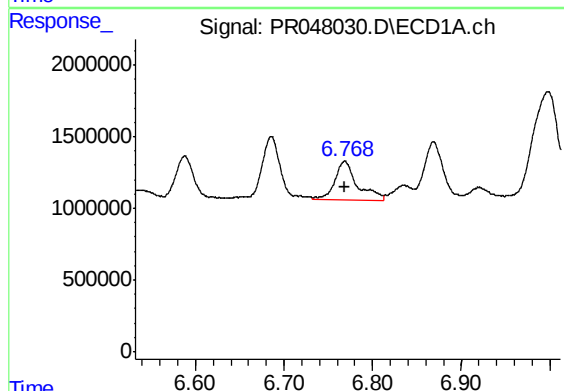
R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 1608200
Conc: 18.62 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AG7



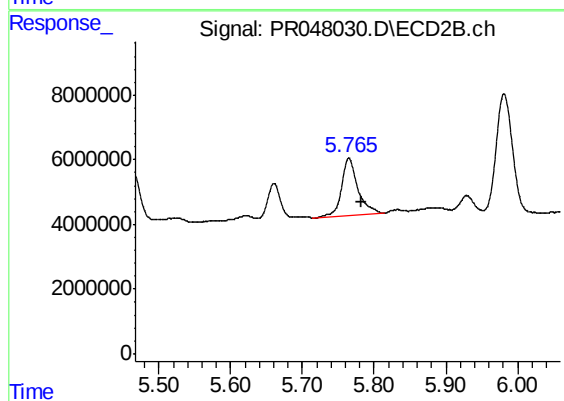
#25 AR-1248-5

R.T.: 5.832 min
Delta R.T.: 0.008 min
Response: 993667
Conc: 6.59 ng/ml



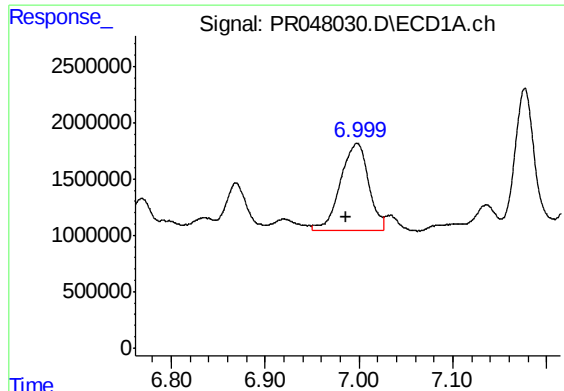
#26 AR-1254-1

R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 4620813
Conc: 49.82 ng/ml



#26 AR-1254-1

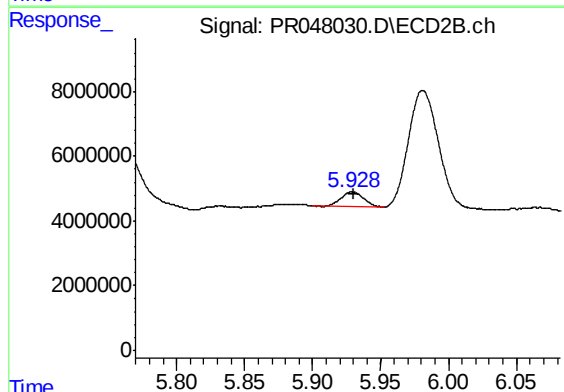
R.T.: 5.765 min
Delta R.T.: -0.017 min
Response: 28017047
Conc: 174.64 ng/ml



#27 AR-1254-2

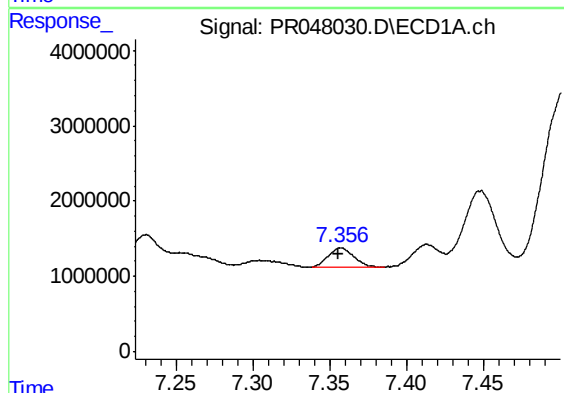
R.T.: 6.998 min
Delta R.T.: 0.012 min
Response: 16129727
Conc: 111.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AG7



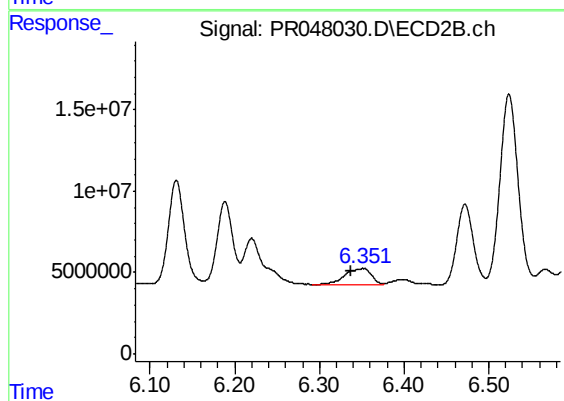
#27 AR-1254-2

R.T.: 5.929 min
Delta R.T.: 0.000 min
Response: 5036207
Conc: 30.73 ng/ml



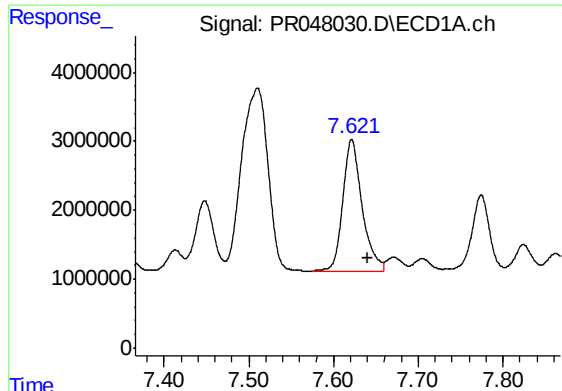
#28 AR-1254-3

R.T.: 7.357 min
Delta R.T.: 0.001 min
Response: 2927146
Conc: 19.09 ng/ml



#28 AR-1254-3

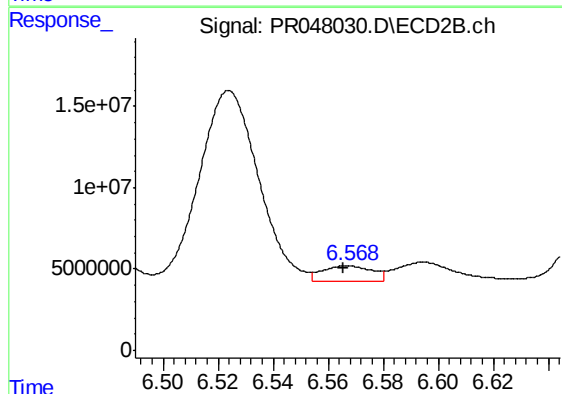
R.T.: 6.352 min
Delta R.T.: 0.015 min
Response: 22316034
Conc: 62.11 ng/ml



#29 AR-1254-4

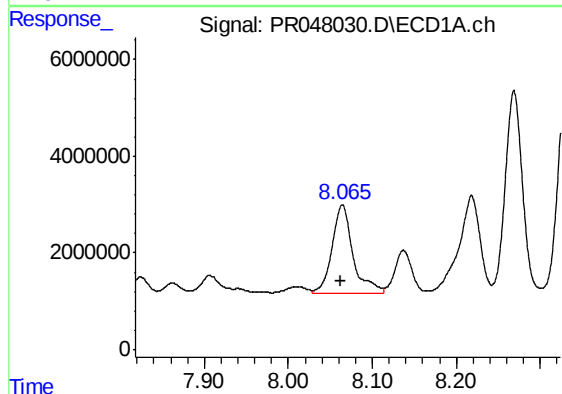
R.T.: 7.622 min
Delta R.T.: -0.019 min
Response: 30137575
Conc: 254.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AG7



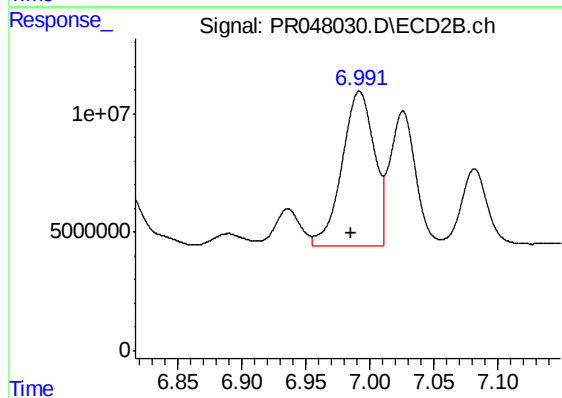
#29 AR-1254-4

R.T.: 6.567 min
Delta R.T.: 0.002 min
Response: 11539736
Conc: 24.03 ng/ml



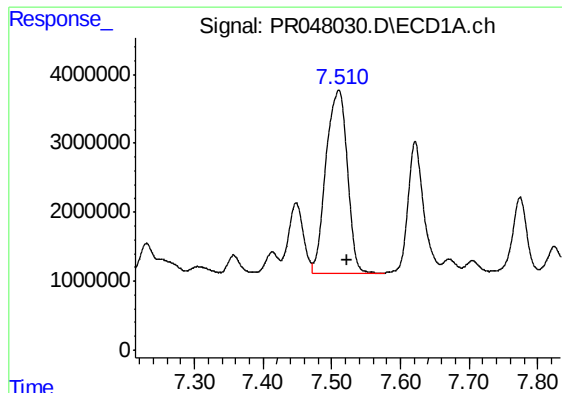
#30 AR-1254-5

R.T.: 8.064 min
Delta R.T.: 0.002 min
Response: 32113047
Conc: 252.19 ng/ml



#30 AR-1254-5

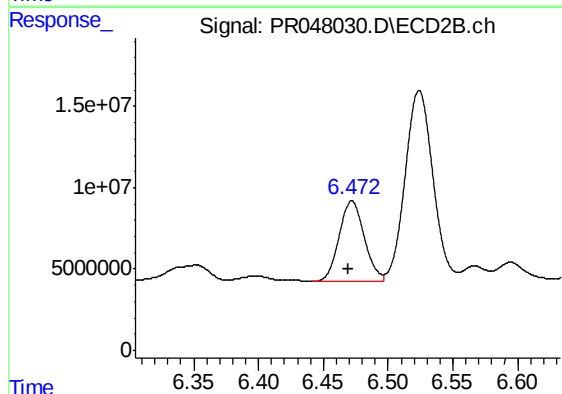
R.T.: 6.992 min
Delta R.T.: 0.006 min
Response: 114074906
Conc: 183.36 ng/ml



#31 AR-1260-1

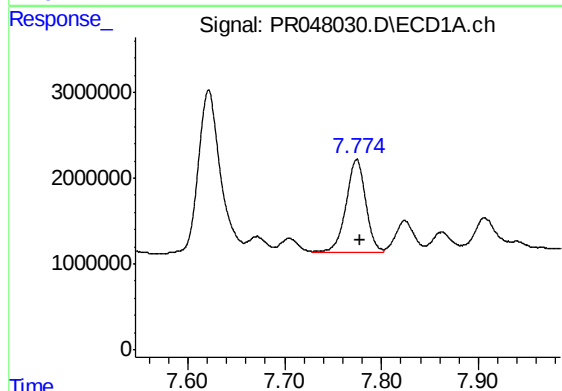
R.T.: 7.510 min
Delta R.T.: -0.012 min
Response: 57349853
Conc: 558.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AG7



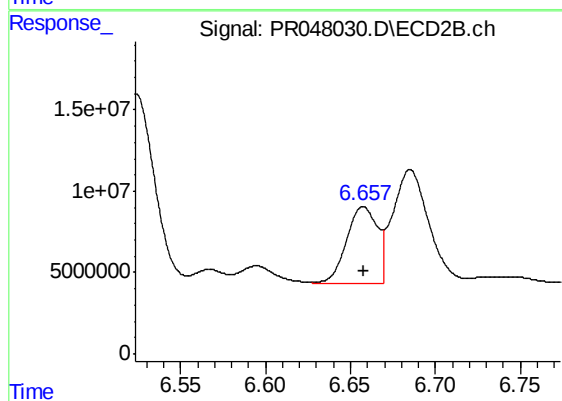
#31 AR-1260-1

R.T.: 6.472 min
Delta R.T.: 0.003 min
Response: 67270191
Conc: 379.46 ng/ml



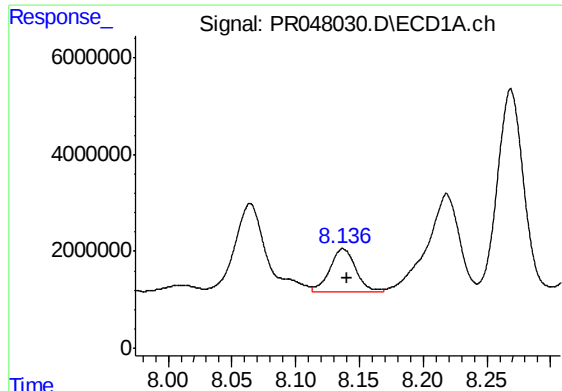
#32 AR-1260-2

R.T.: 7.774 min
Delta R.T.: -0.004 min
Response: 15437077
Conc: 121.67 ng/ml



#32 AR-1260-2

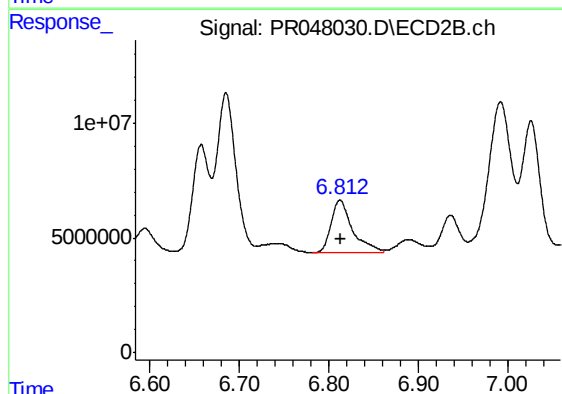
R.T.: 6.658 min
Delta R.T.: 0.000 min
Response: 60325365
Conc: 100.21 ng/ml



#33 AR-1260-3

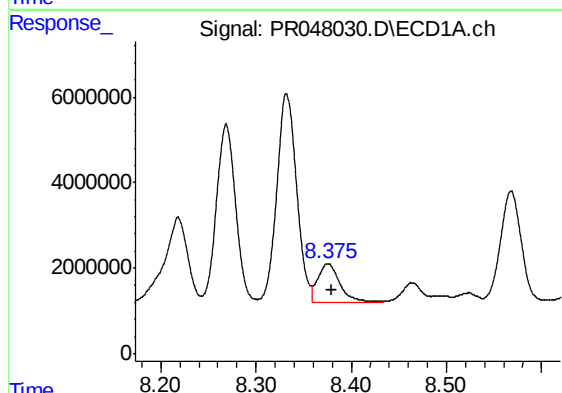
R.T.: 8.137 min
Delta R.T.: -0.004 min
Response: 12656693
Conc: 130.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AG7



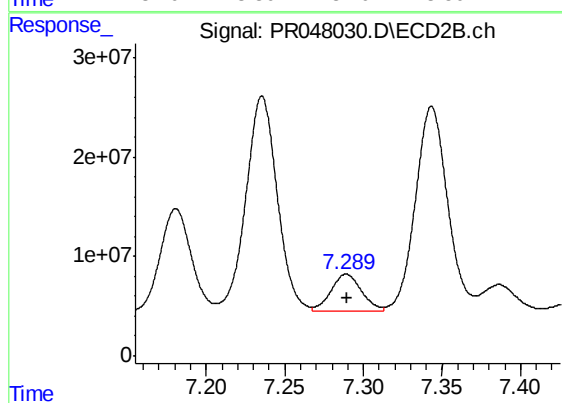
#33 AR-1260-3

R.T.: 6.812 min
Delta R.T.: 0.000 min
Response: 37967042
Conc: 102.64 ng/ml



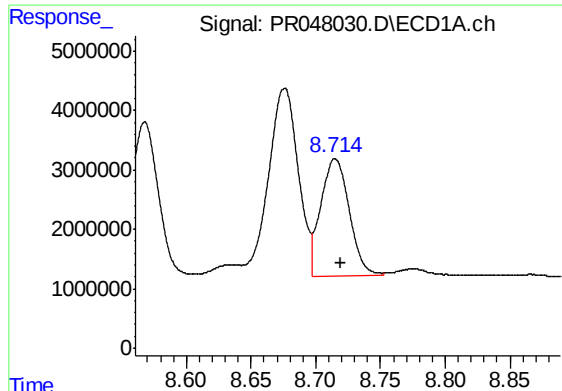
#34 AR-1260-4

R.T.: 8.376 min
Delta R.T.: -0.004 min
Response: 15091845
Conc: 137.93 ng/ml



#34 AR-1260-4

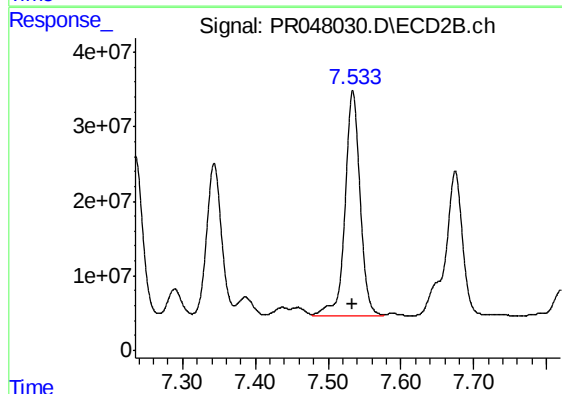
R.T.: 7.289 min
Delta R.T.: 0.000 min
Response: 49260065
Conc: 108.82 ng/ml



#35 AR-1260-5

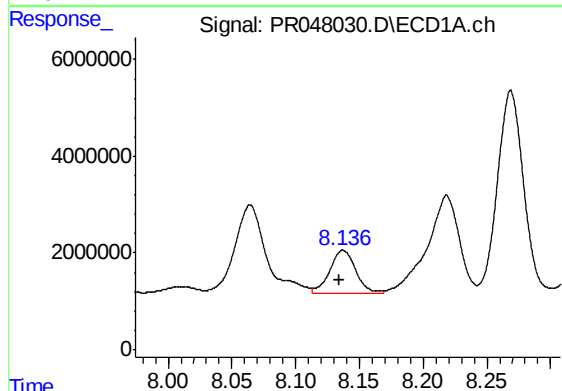
R.T.: 8.715 min
Delta R.T.: -0.004 min
Response: 30306664
Conc: 133.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AG7



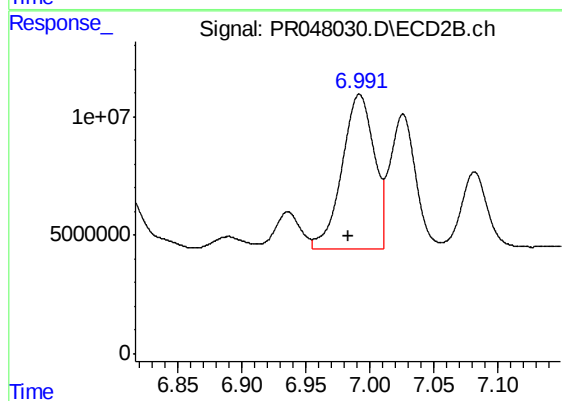
#35 AR-1260-5

R.T.: 7.534 min
Delta R.T.: 0.001 min
Response: 435623907
Conc: 231.23 ng/ml



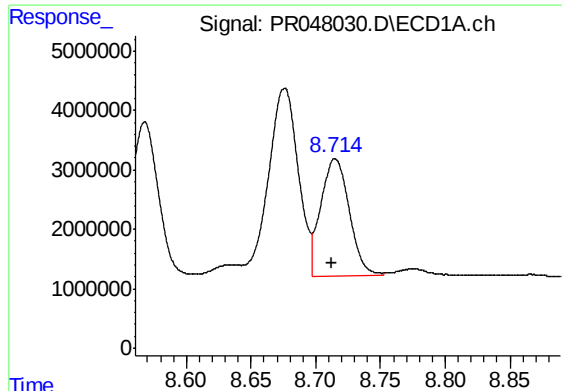
#36 AR-1262-1

R.T.: 8.137 min
Delta R.T.: 0.002 min
Response: 12656693
Conc: 90.02 ng/ml



#36 AR-1262-1

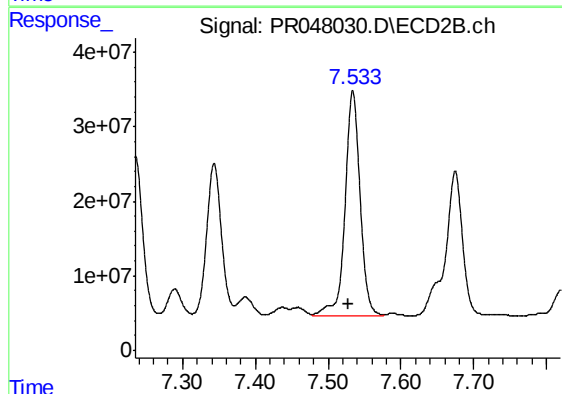
R.T.: 6.992 min
Delta R.T.: 0.008 min
Response: 114074906
Conc: 354.99 ng/ml



#37 AR-1262-2

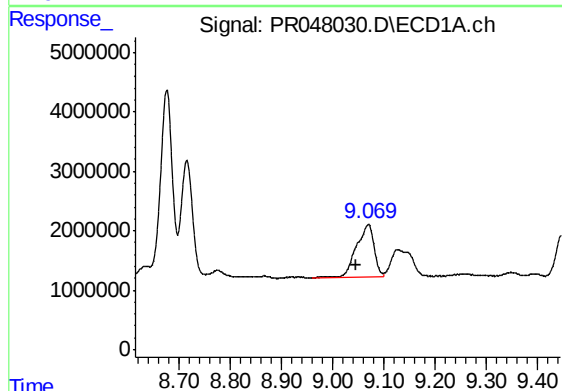
R.T.: 8.715 min
Delta R.T.: 0.002 min
Response: 30306664
Conc: 120.17 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AG7



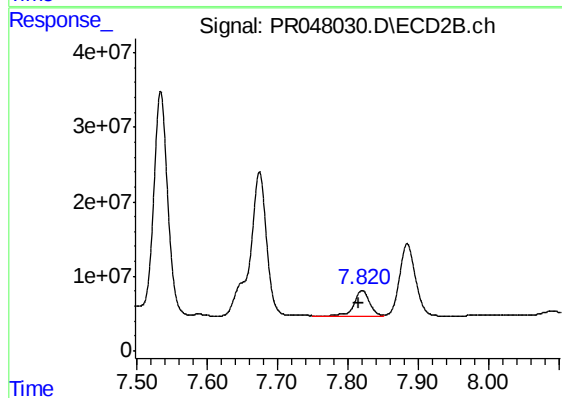
#37 AR-1262-2

R.T.: 7.534 min
Delta R.T.: 0.006 min
Response: 435623907
Conc: 209.54 ng/ml



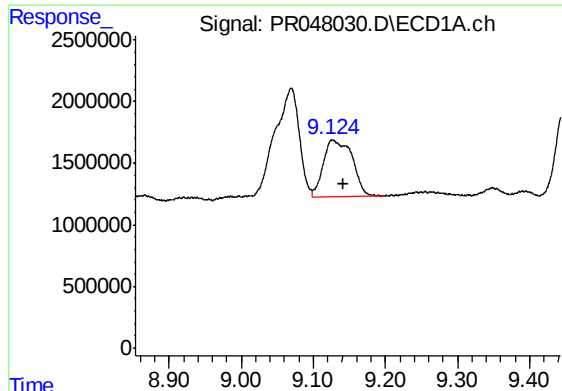
#38 AR-1262-3

R.T.: 9.069 min
Delta R.T.: 0.024 min
Response: 22027835
Conc: 126.50 ng/ml



#38 AR-1262-3

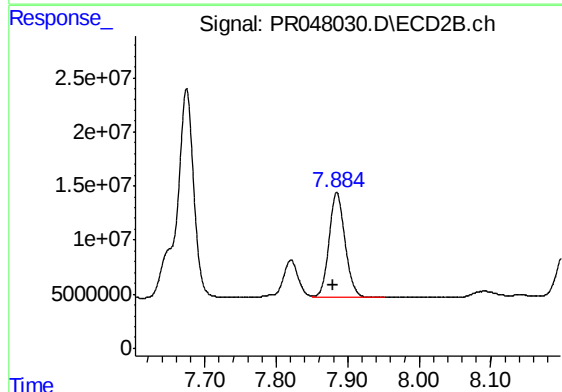
R.T.: 7.821 min
Delta R.T.: 0.005 min
Response: 51381009
Conc: 62.24 ng/ml



#39 AR-1262-4

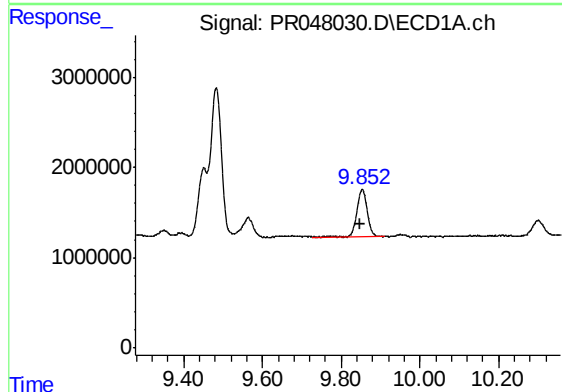
R.T.: 9.127 min
Delta R.T.: -0.015 min
Response: 12977532
Conc: 98.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AG7



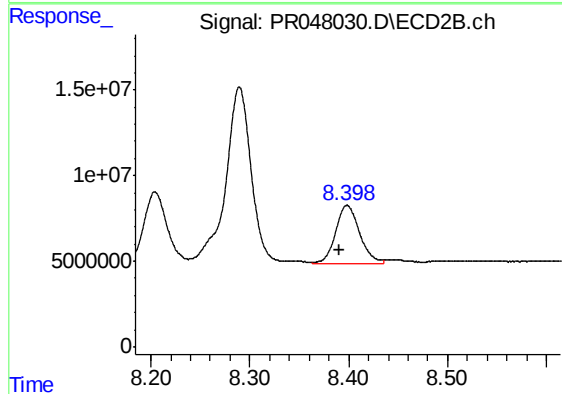
#39 AR-1262-4

R.T.: 7.885 min
Delta R.T.: 0.005 min
Response: 151725075
Conc: 113.33 ng/ml



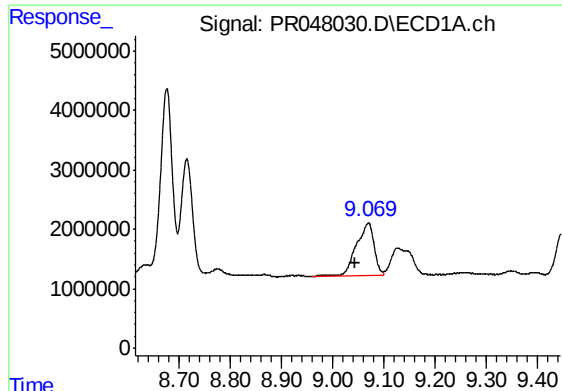
#40 AR-1262-5

R.T.: 9.853 min
Delta R.T.: 0.004 min
Response: 9713380
Conc: 101.32 ng/ml



#40 AR-1262-5

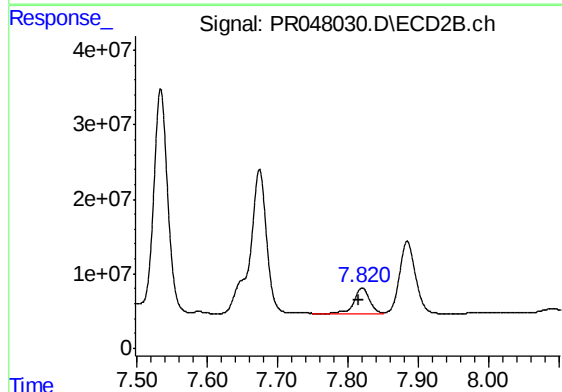
R.T.: 8.398 min
Delta R.T.: 0.007 min
Response: 57497622
Conc: 90.53 ng/ml



#41 AR-1268-1

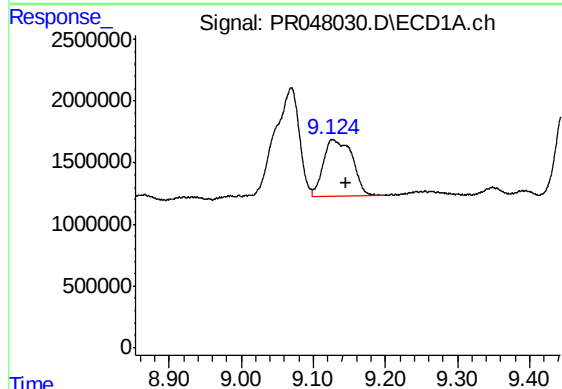
R.T.: 9.069 min
Delta R.T.: 0.026 min
Response: 22027835
Conc: 72.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AG7



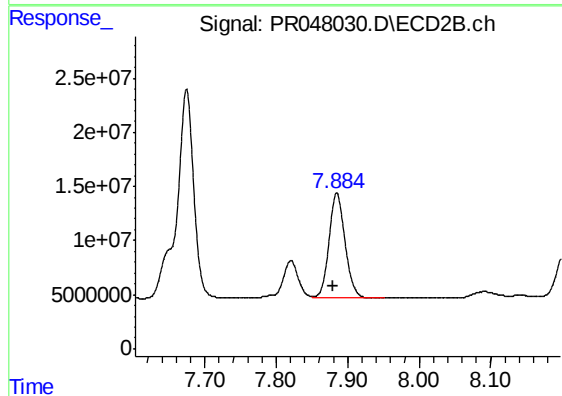
#41 AR-1268-1

R.T.: 7.821 min
Delta R.T.: 0.005 min
Response: 51381009
Conc: 20.69 ng/ml



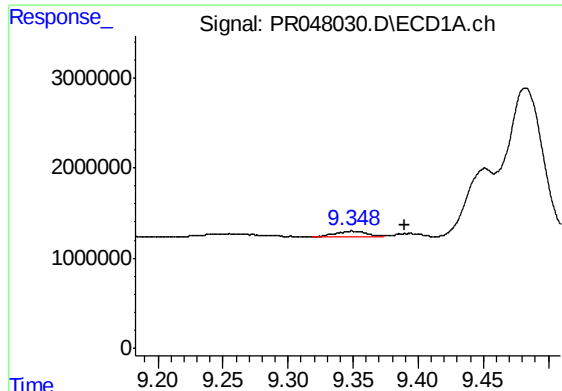
#42 AR-1268-2

R.T.: 9.127 min
Delta R.T.: -0.017 min
Response: 12977532
Conc: 46.11 ng/ml



#42 AR-1268-2

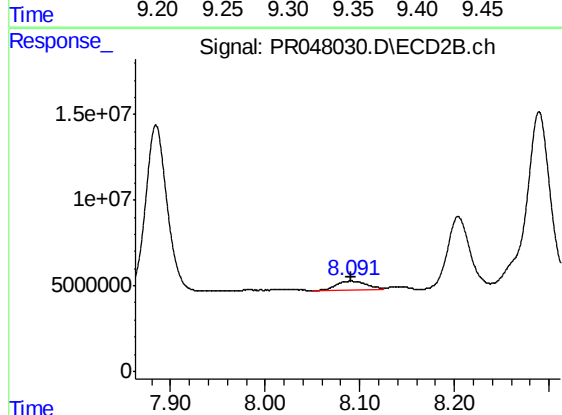
R.T.: 7.885 min
Delta R.T.: 0.004 min
Response: 151725075
Conc: 72.62 ng/ml



#43 AR-1268-3

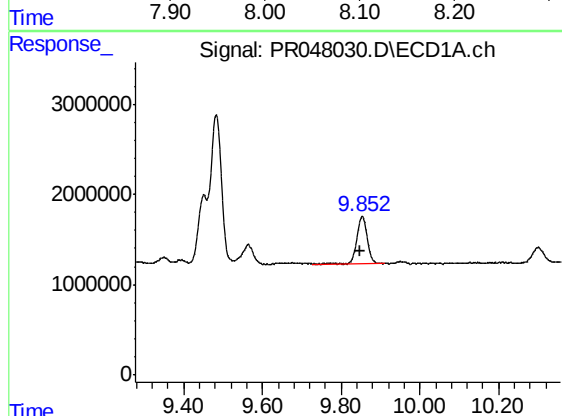
R.T.: 9.349 min
Delta R.T.: -0.040 min
Response: 1093028
Conc: 4.52 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AG7



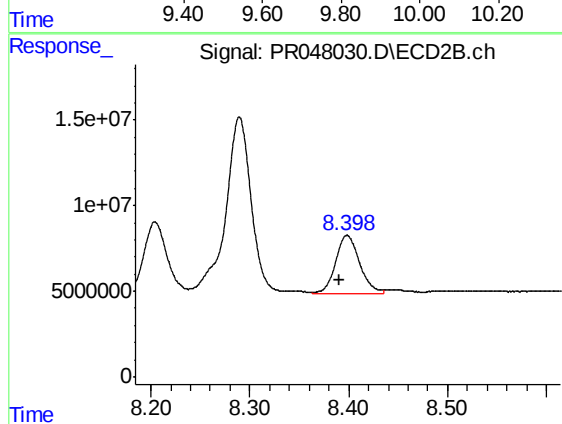
#43 AR-1268-3

R.T.: 8.091 min
Delta R.T.: 0.000 min
Response: 12438650
Conc: 6.66 ng/ml



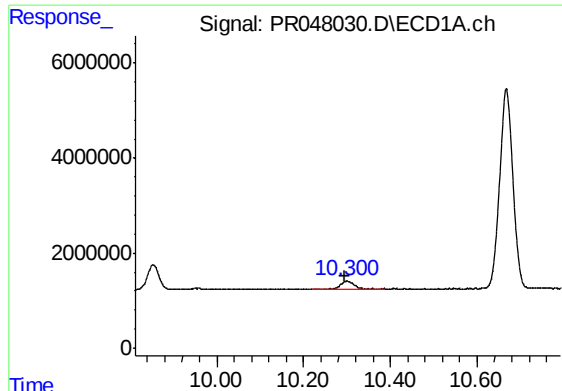
#44 AR-1268-4

R.T.: 9.853 min
Delta R.T.: 0.004 min
Response: 9713380
Conc: 89.32 ng/ml



#44 AR-1268-4

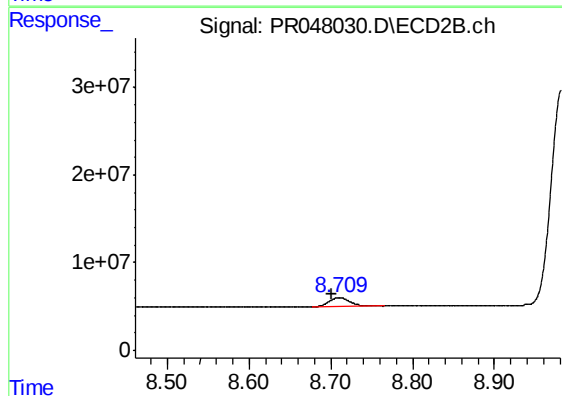
R.T.: 8.398 min
Delta R.T.: 0.007 min
Response: 57497622
Conc: 78.86 ng/ml



#45 AR-1268-5

R.T.: 10.301 min
Delta R.T.: 0.004 min
Response: 3511623
Conc: 4.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AG7



#45 AR-1268-5

R.T.: 8.709 min
Delta R.T.: 0.008 min
Response: 17828127
Conc: 3.30 ng/ml