

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122520\
 Data File : PR049103.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Dec 2020 10:05
 Operator : DD\AJ
 Sample : AR1254CCC500
 Misc : FOR RT STUDY
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1254CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 25 01:21:52 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122420.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Dec 24 04:25:55 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	4.669	3.853	129.2E6	179.4E6	53.506	45.817
2)	SA Decachlor...	10.559	8.896	125.6E6	433.1E6	52.295	50.968
Target Compounds							
3)	L1 AR-1016-1	5.843	4.935	1390347	861313	14.780	9.750 #
4)	L1 AR-1016-2	5.871	4.954	1670537	851080	12.285	5.033 #
5)	L1 AR-1016-3	5.932	5.133	680762	771267	8.376	7.546
6)	L1 AR-1016-4	6.030	5.171	885252	19162045	13.342	396.303 #
7)	L1 AR-1016-5	6.325	5.386	16933948	17202588	263.629	244.096
9)	L2 AR-1221-2	4.979	4.154	1572625	2883633	72.517	94.291 #
10)	L2 AR-1221-3	5.046	4.226	395420	584370	5.965	6.225
11)	L3 AR-1232-1	5.046	4.226	395420	584370	7.122	7.563
12)	L3 AR-1232-2	5.575	4.954	693171	851080	24.378	12.560 #
13)	L3 AR-1232-3	5.871	5.133	1670537	771267	29.064	19.501 #
14)	L3 AR-1232-4	6.030	5.213	885252	6306759	30.299	282.045 #
15)	L3 AR-1232-5	6.117	5.386	29077747	17202588	1304.756	653.682 #
16)	L4 AR-1242-1	5.843	4.935	1390347	861313	20.014	13.553 #
17)	L4 AR-1242-2	5.871	4.954	1670537	851080	16.812	7.358 #
18)	L4 AR-1242-3	5.932	5.133	680762	771267	11.310	11.085
19)	L4 AR-1242-4	6.030	5.213	885252	6306759	17.571	147.500 #
20)	L4 AR-1242-5	6.771	5.737	16137270	61768235	291.781	831.860 #
21)	L5 AR-1248-1	5.843	4.935	1390347	861313	25.190	17.897 #
22)	L5 AR-1248-2	6.117	5.171	29077747	19162045	382.886	347.483
23)	L5 AR-1248-3	6.325	5.213	16933948	6306759	204.633	94.960 #
24)	L5 AR-1248-4	6.729	5.386	26205248	17202588	268.569	201.488
25)	L5 AR-1248-5	6.771	5.779	16137270	11530962	173.139	99.837 #
26)	L6 AR-1254-1	6.703	5.737	50407533	61768235	526.967	487.042
27)	L6 AR-1254-2	6.920	5.885	76355639	58779278	529.343	502.133
28)	L6 AR-1254-3	7.291	6.289	78373763	119.3E6	537.782	496.129
29)	L6 AR-1254-4	7.576	6.517	61352464	151.8E6	534.447	559.087
30)	L6 AR-1254-5	7.995	6.935	62208789	190.8E6	527.367	542.433
31)	L7 AR-1260-1	7.453	6.418	32647021	55349998	303.796	405.449 #
32)	L7 AR-1260-2	7.709	6.606	37378520	100.2E6	269.123	266.215
33)	L7 AR-1260-3	8.060	6.759	8206505	61190713	80.763	231.696 #
34)	L7 AR-1260-4	8.297	7.233	24728130	9018746	219.058	32.840 #
35)	L7 AR-1260-5	8.641	7.473	9496864	38011465	40.599	30.331 #
36)	L8 AR-1262-1	8.060	6.935	8206505	190.8E6	60.162	1048.864 #
37)	L8 AR-1262-2	8.641	7.473	9496864	38011465	39.068	30.182
38)	L8 AR-1262-3	8.992f	7.757	7853122	6538454	45.671	12.947 #
39)	L8 AR-1262-4	9.043f	7.821	2023245	39322166	15.002	46.980 #
40)	L8 AR-1262-5	9.760	8.328	551272	4068814	5.598	10.300 #
41)	L9 AR-1268-1	8.992f	7.757	7853122	6538454	25.768	4.180 #
42)	L9 AR-1268-2	9.043f	7.821	2023245	39322166	7.024	29.431 #
43)	L9 AR-1268-3	0.000	8.033	0	5459013	N.D.	4.638 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122520\
 Data File : PR049103.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Dec 2020 10:05
 Operator : DD\AJ
 Sample : AR1254CCC500
 Misc : FOR RT STUDY
 ALS Vial : 5 Sample Multiplier: 1

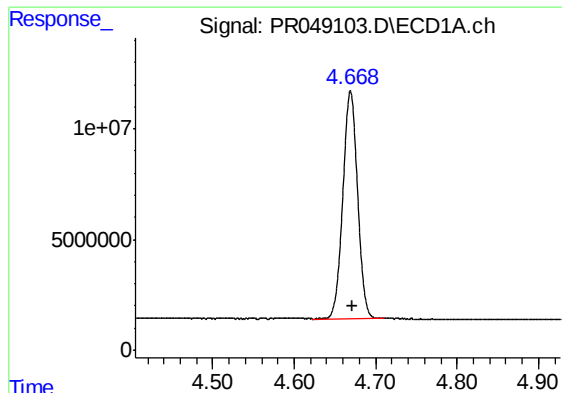
Instrument :
 ECD_R
 ClientSampleId :
 AR1254CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 25 01:21:52 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122420.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	9.760	8.328	551272	4068814	4.964	8.834 #
45) L9	AR-1268-5	10.203	8.632	816111	24238895	0.975	6.906 #

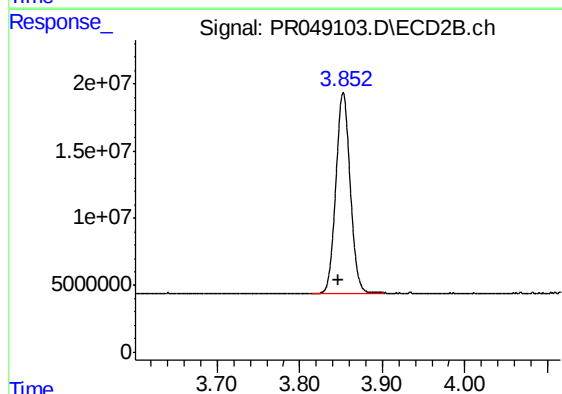
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

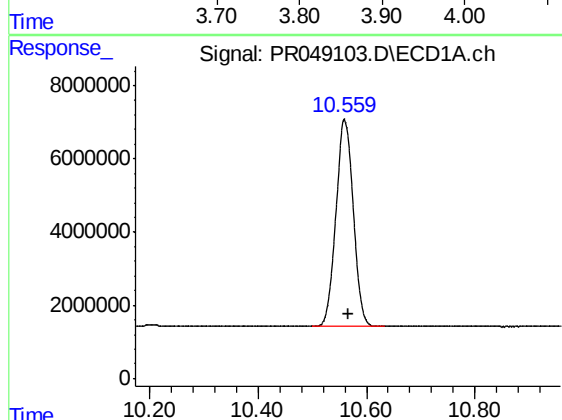
R.T.: 4.669 min
Delta R.T.: -0.002 min
Response: 129203306
Conc: 53.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



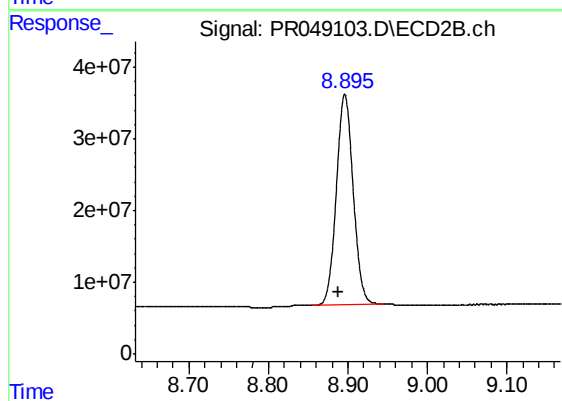
#1 Tetrachloro-m-xylene

R.T.: 3.853 min
Delta R.T.: 0.006 min
Response: 179384332
Conc: 45.82 ng/ml



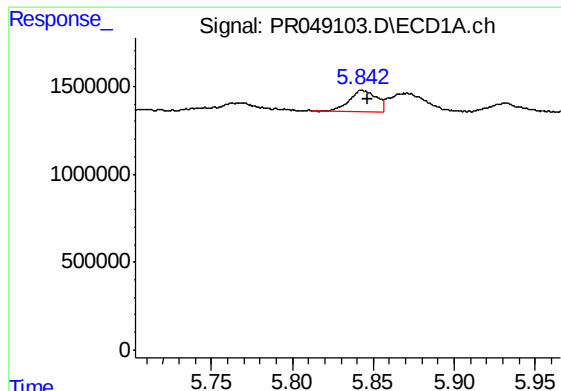
#2 Decachlorobiphenyl

R.T.: 10.559 min
Delta R.T.: -0.007 min
Response: 125618865
Conc: 52.29 ng/ml



#2 Decachlorobiphenyl

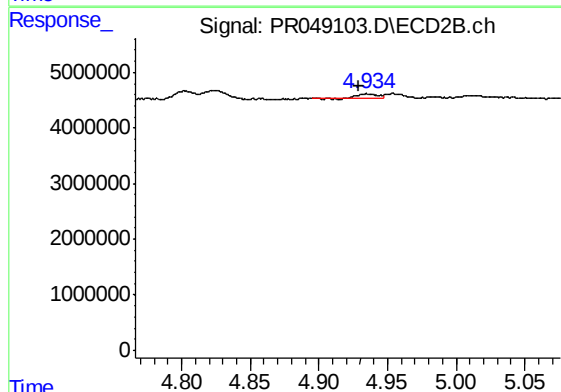
R.T.: 8.896 min
Delta R.T.: 0.009 min
Response: 433053278
Conc: 50.97 ng/ml



#3 AR-1016-1

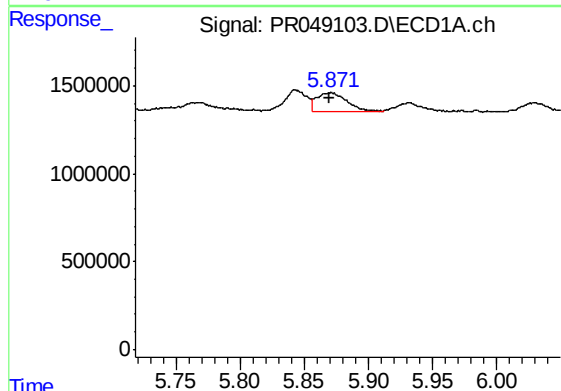
R.T.: 5.843 min
Delta R.T.: -0.004 min
Response: 1390347
Conc: 14.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



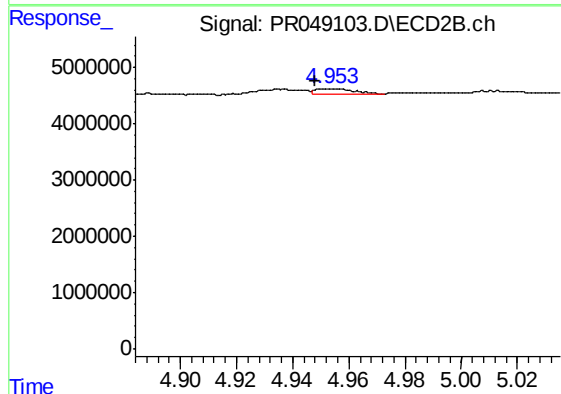
#3 AR-1016-1

R.T.: 4.935 min
Delta R.T.: 0.006 min
Response: 861313
Conc: 9.75 ng/ml



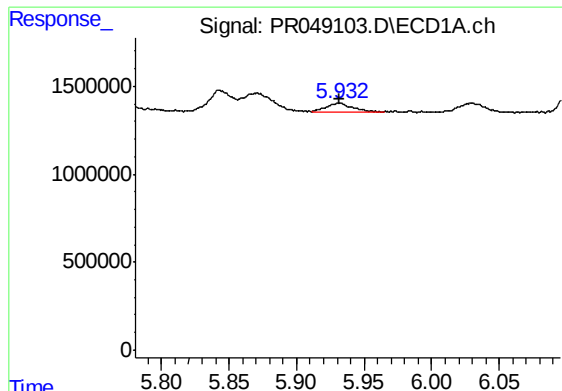
#4 AR-1016-2

R.T.: 5.871 min
Delta R.T.: 0.002 min
Response: 1670537
Conc: 12.28 ng/ml



#4 AR-1016-2

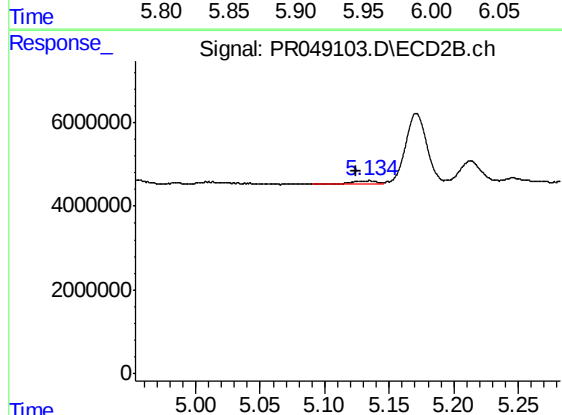
R.T.: 4.954 min
Delta R.T.: 0.006 min
Response: 851080
Conc: 5.03 ng/ml



#5 AR-1016-3

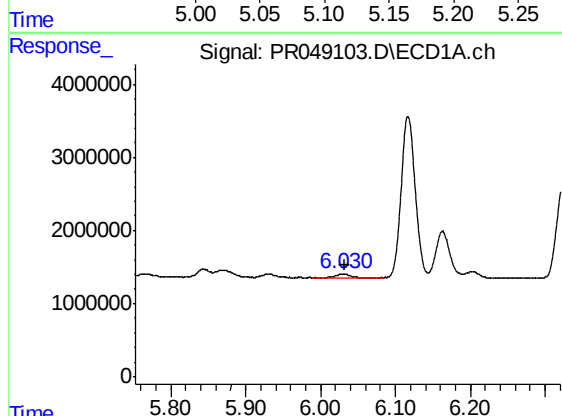
R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 680762
Conc: 8.38 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



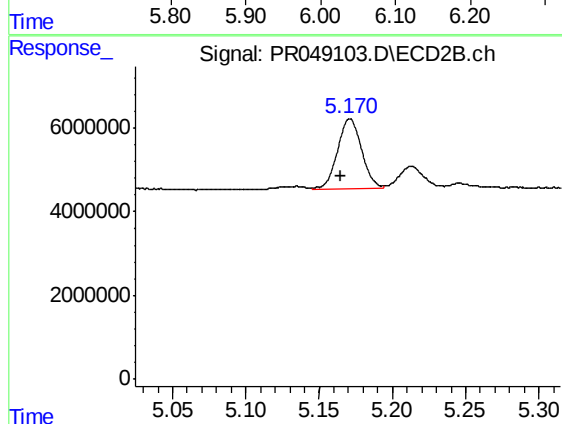
#5 AR-1016-3

R.T.: 5.133 min
Delta R.T.: 0.009 min
Response: 771267
Conc: 7.55 ng/ml



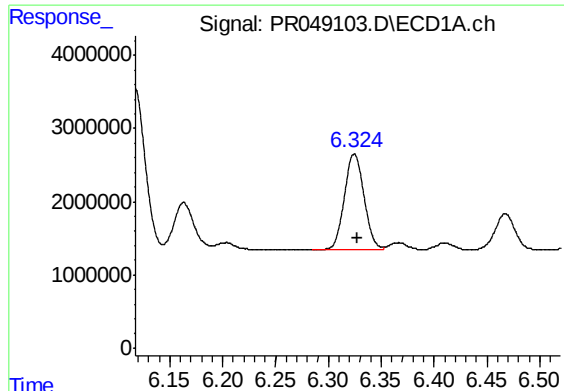
#6 AR-1016-4

R.T.: 6.030 min
Delta R.T.: -0.003 min
Response: 885252
Conc: 13.34 ng/ml



#6 AR-1016-4

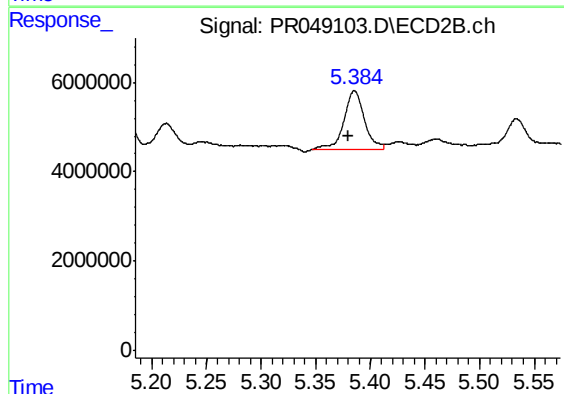
R.T.: 5.171 min
Delta R.T.: 0.006 min
Response: 19162045
Conc: 396.30 ng/ml



#7 AR-1016-5

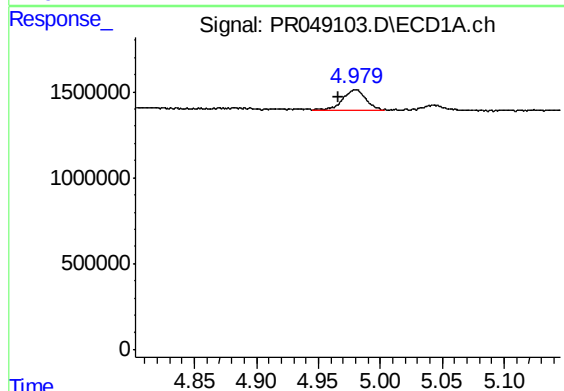
R.T.: 6.325 min
Delta R.T.: -0.003 min
Response: 16933948
Conc: 263.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



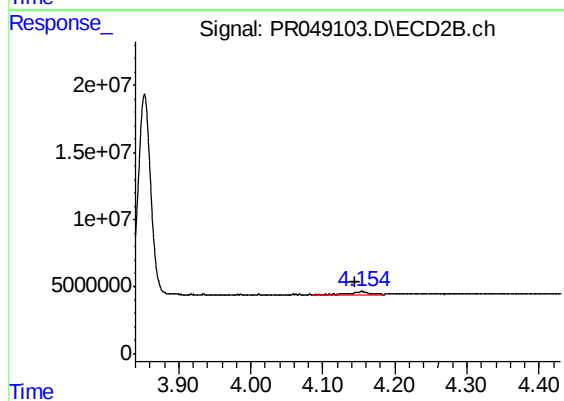
#7 AR-1016-5

R.T.: 5.386 min
Delta R.T.: 0.006 min
Response: 17202588
Conc: 244.10 ng/ml



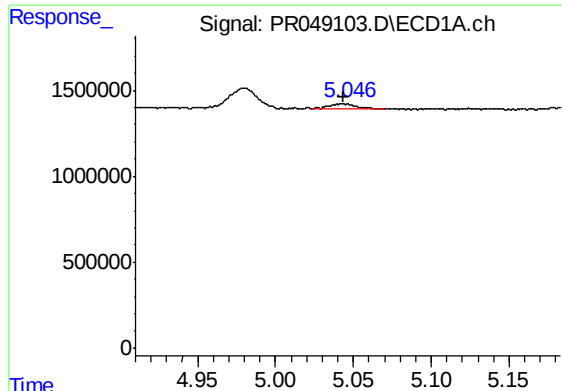
#9 AR-1221-2

R.T.: 4.979 min
Delta R.T.: 0.014 min
Response: 1572625
Conc: 72.52 ng/ml



#9 AR-1221-2

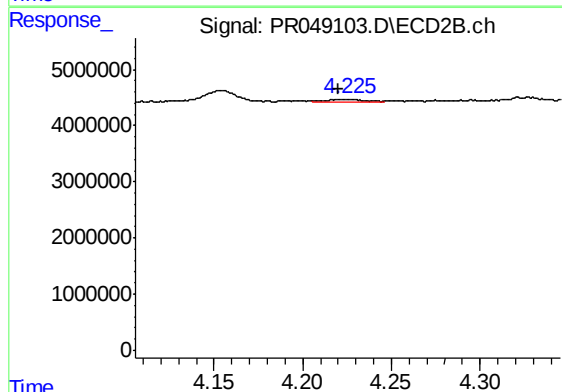
R.T.: 4.154 min
Delta R.T.: 0.009 min
Response: 2883633
Conc: 94.29 ng/ml



#10 AR-1221-3

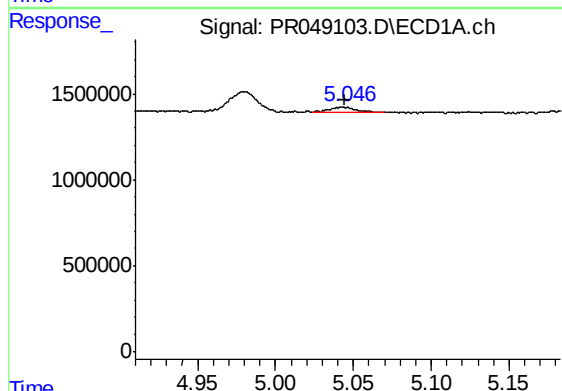
R.T.: 5.046 min
Delta R.T.: 0.003 min
Response: 395420
Conc: 5.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



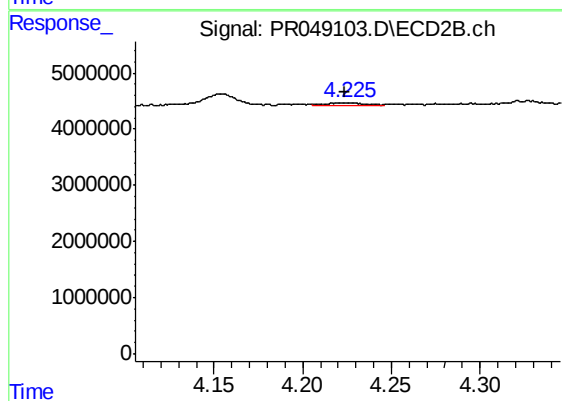
#10 AR-1221-3

R.T.: 4.226 min
Delta R.T.: 0.005 min
Response: 584370
Conc: 6.22 ng/ml



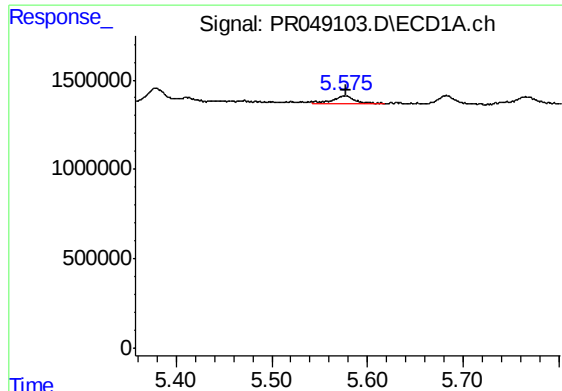
#11 AR-1232-1

R.T.: 5.046 min
Delta R.T.: 0.002 min
Response: 395420
Conc: 7.12 ng/ml



#11 AR-1232-1

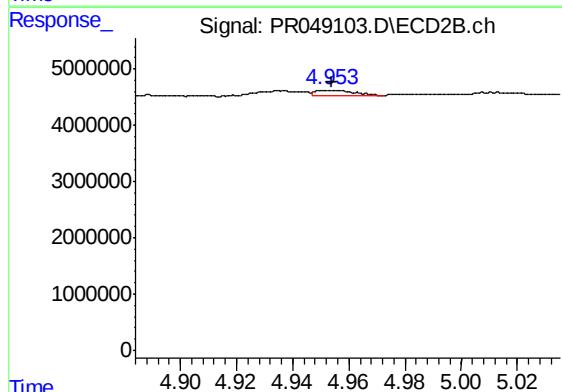
R.T.: 4.226 min
Delta R.T.: 0.002 min
Response: 584370
Conc: 7.56 ng/ml



#12 AR-1232-2

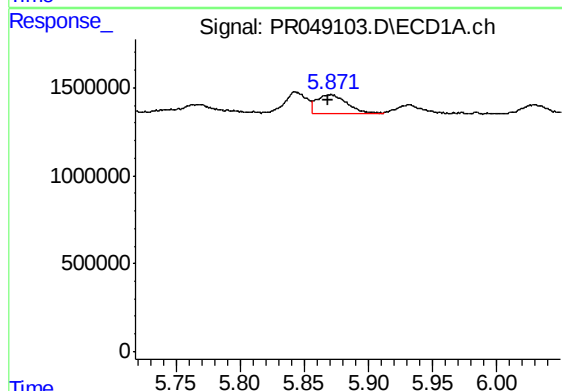
R.T.: 5.575 min
Delta R.T.: -0.003 min
Response: 693171
Conc: 24.38 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



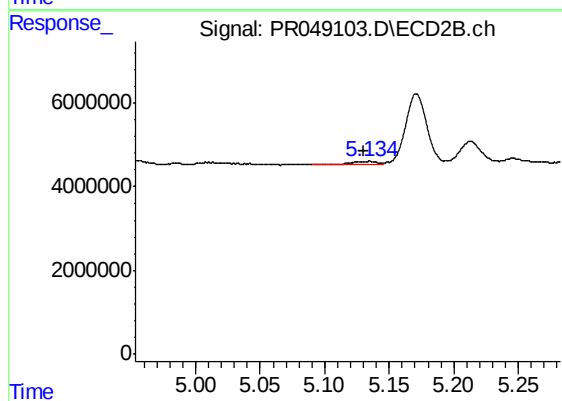
#12 AR-1232-2

R.T.: 4.954 min
Delta R.T.: 0.000 min
Response: 851080
Conc: 12.56 ng/ml



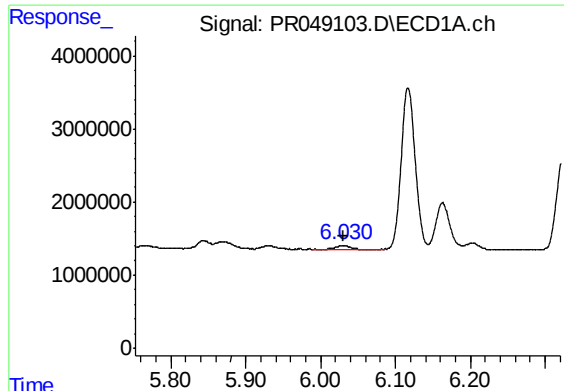
#13 AR-1232-3

R.T.: 5.871 min
Delta R.T.: 0.002 min
Response: 1670537
Conc: 29.06 ng/ml



#13 AR-1232-3

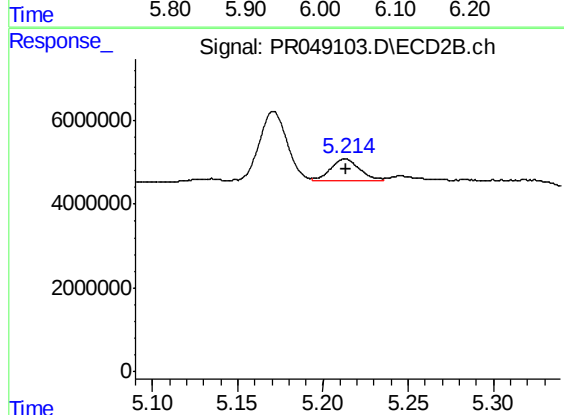
R.T.: 5.133 min
Delta R.T.: 0.003 min
Response: 771267
Conc: 19.50 ng/ml



#14 AR-1232-4

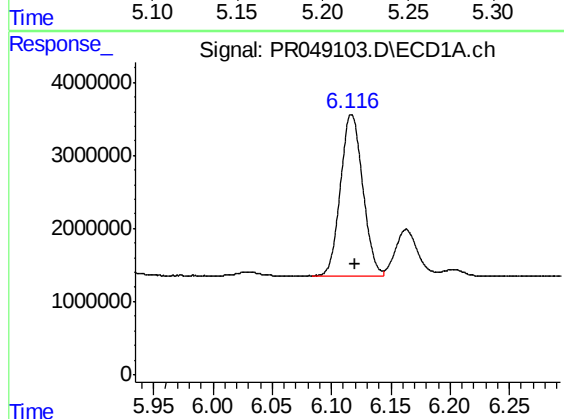
R.T.: 6.030 min
Delta R.T.: -0.001 min
Response: 885252
Conc: 30.30 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



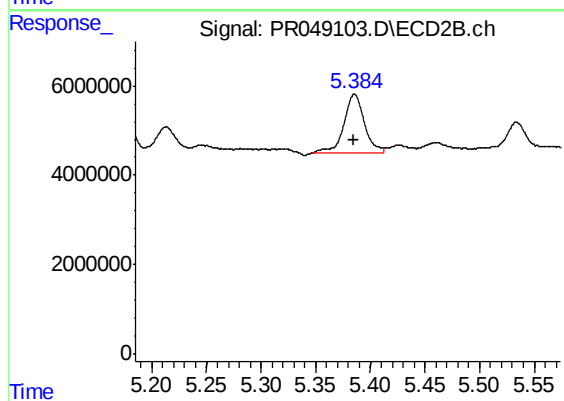
#14 AR-1232-4

R.T.: 5.213 min
Delta R.T.: 0.000 min
Response: 6306759
Conc: 282.05 ng/ml



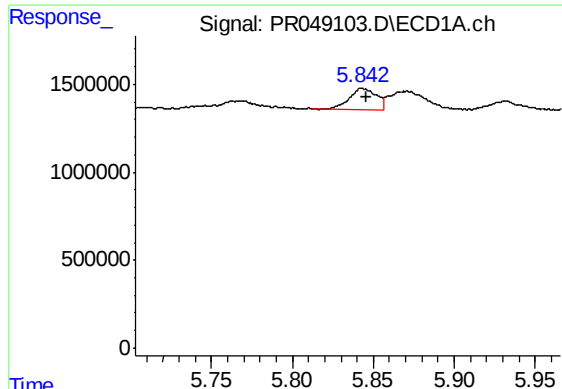
#15 AR-1232-5

R.T.: 6.117 min
Delta R.T.: -0.003 min
Response: 29077747
Conc: 1304.76 ng/ml



#15 AR-1232-5

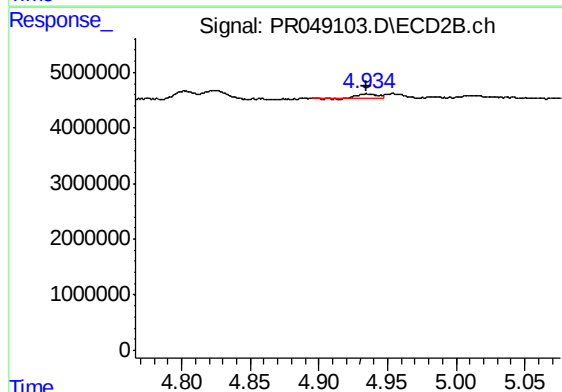
R.T.: 5.386 min
Delta R.T.: 0.000 min
Response: 17202588
Conc: 653.68 ng/ml



#16 AR-1242-1

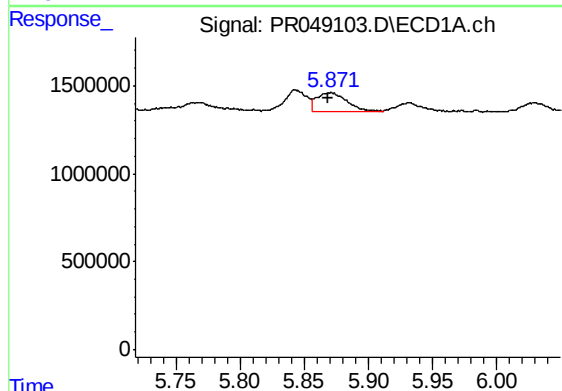
R.T.: 5.843 min
Delta R.T.: -0.003 min
Response: 1390347
Conc: 20.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



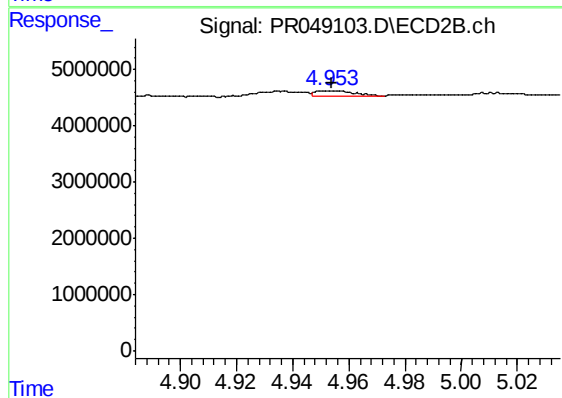
#16 AR-1242-1

R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 861313
Conc: 13.55 ng/ml



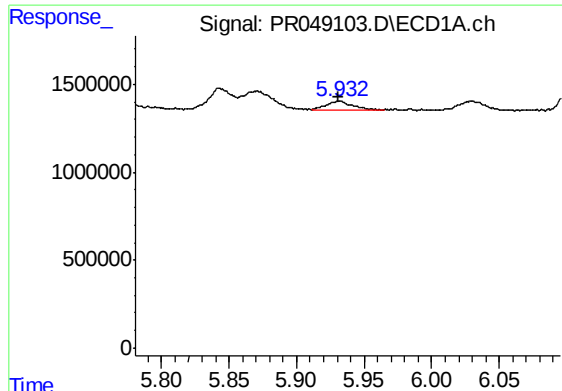
#17 AR-1242-2

R.T.: 5.871 min
Delta R.T.: 0.002 min
Response: 1670537
Conc: 16.81 ng/ml



#17 AR-1242-2

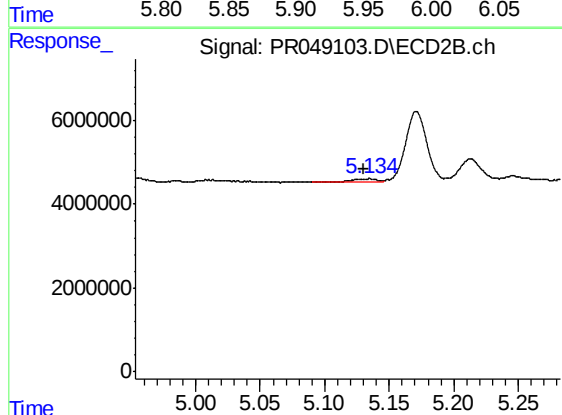
R.T.: 4.954 min
Delta R.T.: 0.000 min
Response: 851080
Conc: 7.36 ng/ml



#18 AR-1242-3

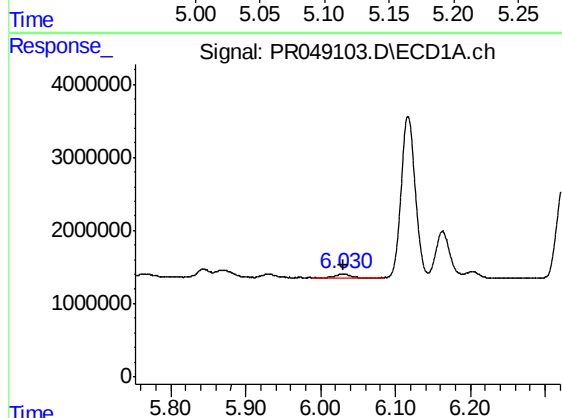
R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 680762
Conc: 11.31 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



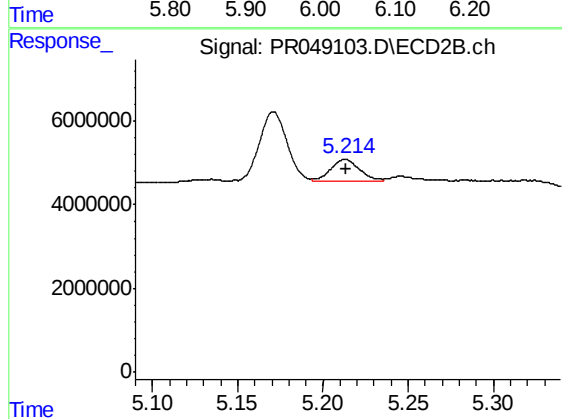
#18 AR-1242-3

R.T.: 5.133 min
Delta R.T.: 0.003 min
Response: 771267
Conc: 11.08 ng/ml



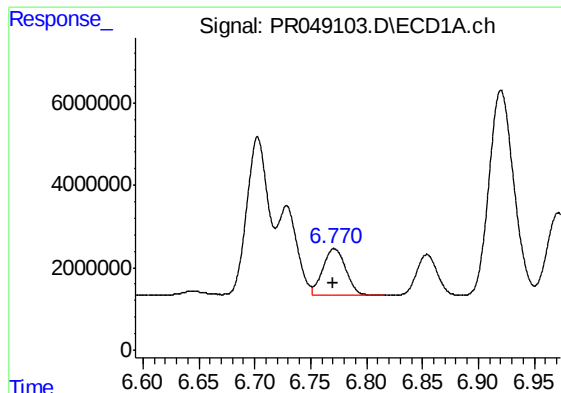
#19 AR-1242-4

R.T.: 6.030 min
Delta R.T.: -0.001 min
Response: 885252
Conc: 17.57 ng/ml



#19 AR-1242-4

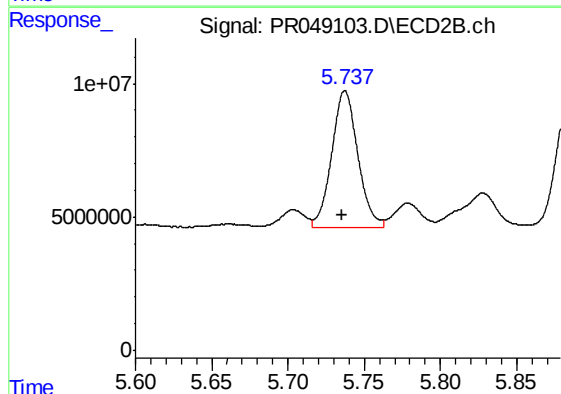
R.T.: 5.213 min
Delta R.T.: 0.000 min
Response: 6306759
Conc: 147.50 ng/ml



#20 AR-1242-5

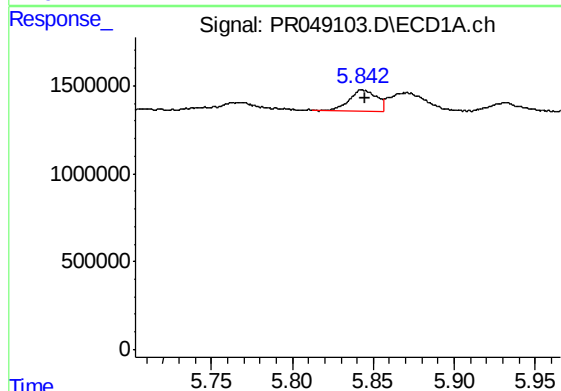
R.T.: 6.771 min
Delta R.T.: 0.001 min
Response: 16137270
Conc: 291.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



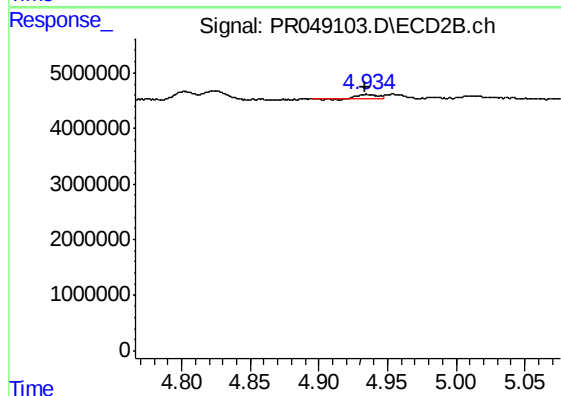
#20 AR-1242-5

R.T.: 5.737 min
Delta R.T.: 0.002 min
Response: 61768235
Conc: 831.86 ng/ml



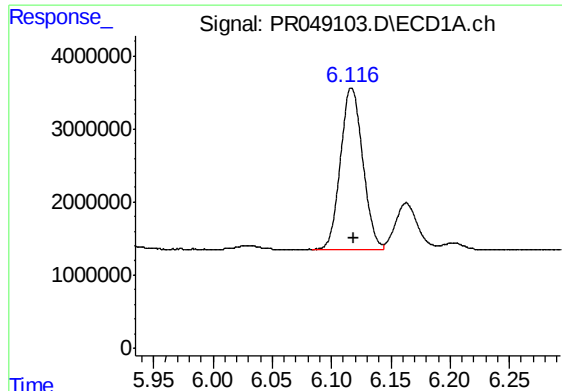
#21 AR-1248-1

R.T.: 5.843 min
Delta R.T.: -0.003 min
Response: 1390347
Conc: 25.19 ng/ml



#21 AR-1248-1

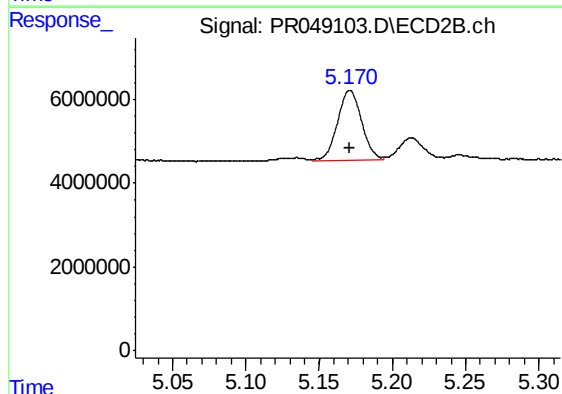
R.T.: 4.935 min
Delta R.T.: 0.001 min
Response: 861313
Conc: 17.90 ng/ml



#22 AR-1248-2

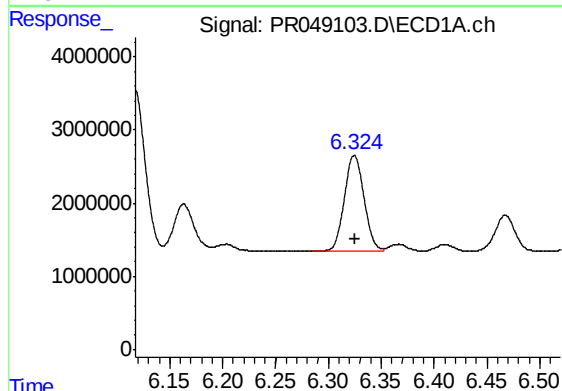
R.T.: 6.117 min
Delta R.T.: -0.002 min
Response: 29077747
Conc: 382.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



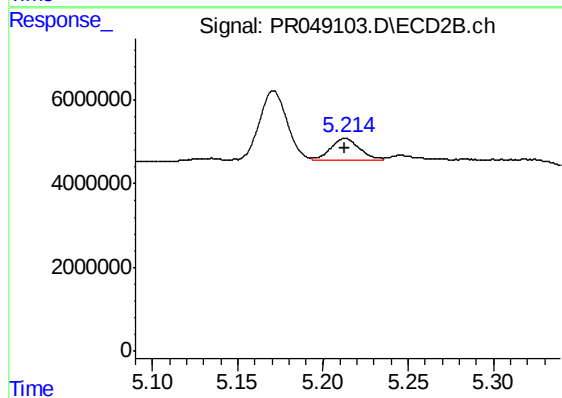
#22 AR-1248-2

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 19162045
Conc: 347.48 ng/ml



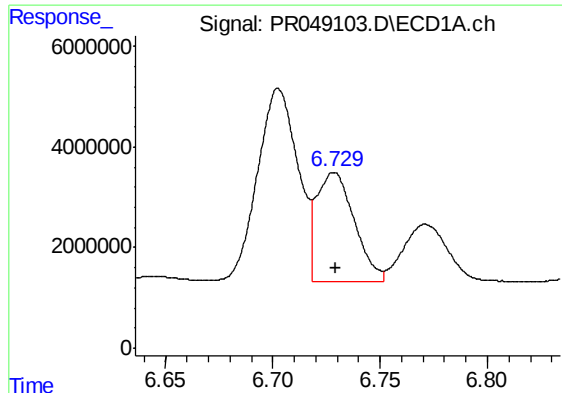
#23 AR-1248-3

R.T.: 6.325 min
Delta R.T.: -0.001 min
Response: 16933948
Conc: 204.63 ng/ml



#23 AR-1248-3

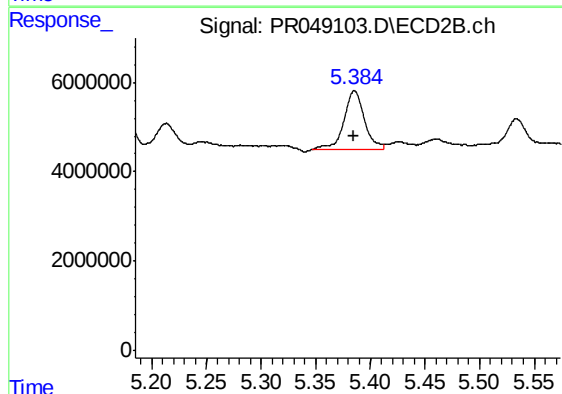
R.T.: 5.213 min
Delta R.T.: 0.000 min
Response: 6306759
Conc: 94.96 ng/ml



#24 AR-1248-4

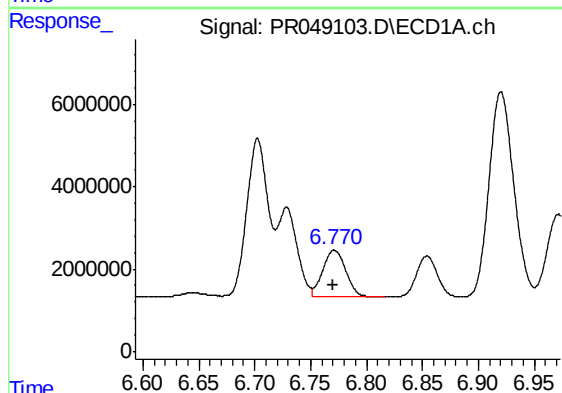
R.T.: 6.729 min
Delta R.T.: -0.001 min
Response: 26205248
Conc: 268.57 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



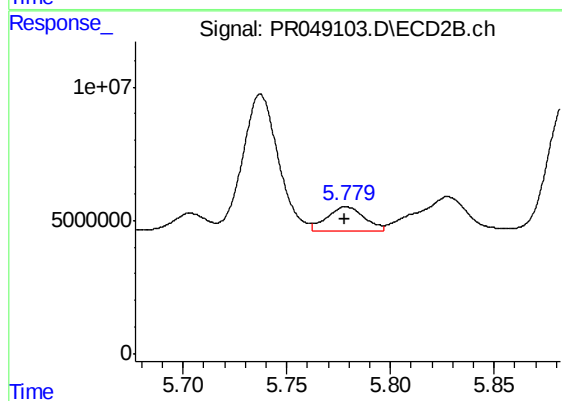
#24 AR-1248-4

R.T.: 5.386 min
Delta R.T.: 0.000 min
Response: 17202588
Conc: 201.49 ng/ml



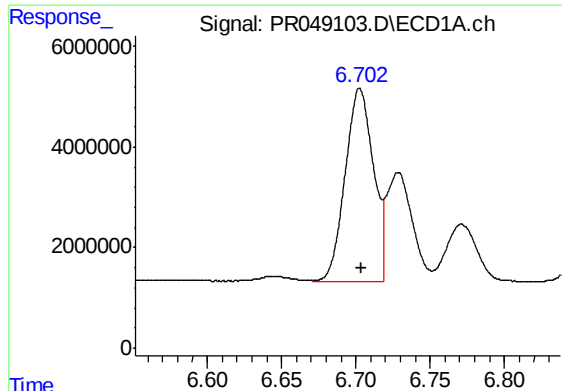
#25 AR-1248-5

R.T.: 6.771 min
Delta R.T.: 0.001 min
Response: 16137270
Conc: 173.14 ng/ml



#25 AR-1248-5

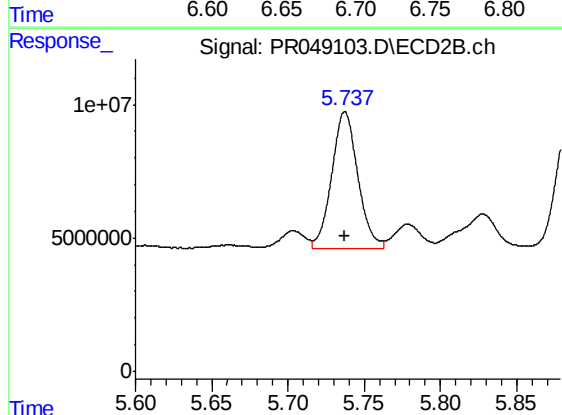
R.T.: 5.779 min
Delta R.T.: 0.000 min
Response: 11530962
Conc: 99.84 ng/ml



#26 AR-1254-1

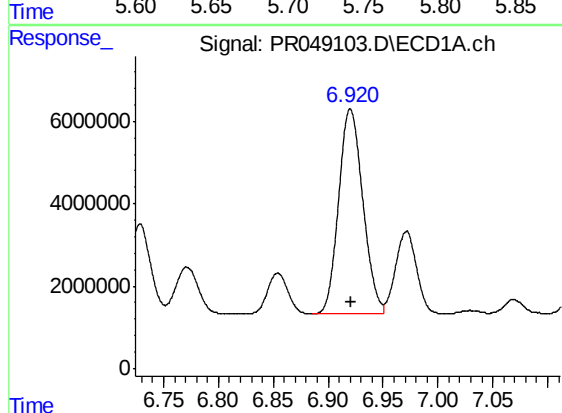
R.T.: 6.703 min
Delta R.T.: -0.001 min
Response: 50407533
Conc: 526.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



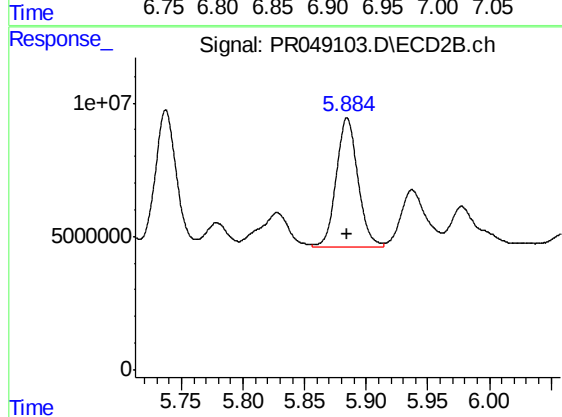
#26 AR-1254-1

R.T.: 5.737 min
Delta R.T.: 0.000 min
Response: 61768235
Conc: 487.04 ng/ml



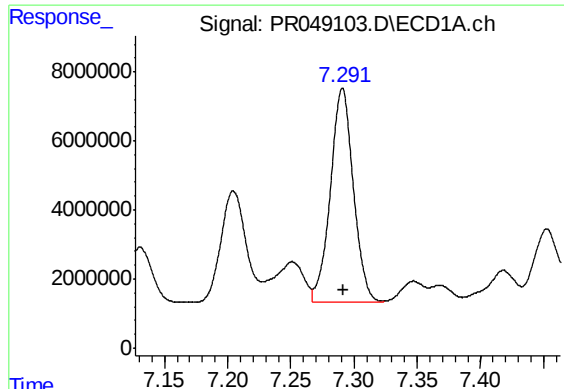
#27 AR-1254-2

R.T.: 6.920 min
Delta R.T.: 0.000 min
Response: 76355639
Conc: 529.34 ng/ml



#27 AR-1254-2

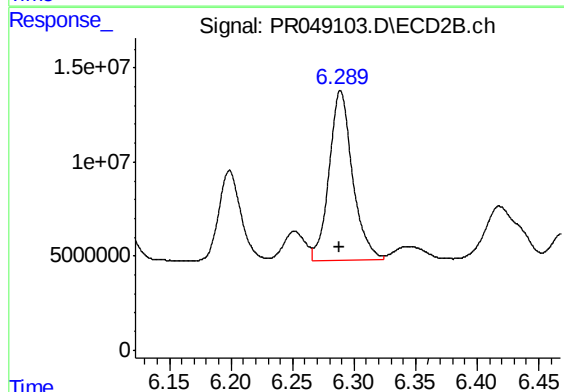
R.T.: 5.885 min
Delta R.T.: 0.000 min
Response: 58779278
Conc: 502.13 ng/ml



#28 AR-1254-3

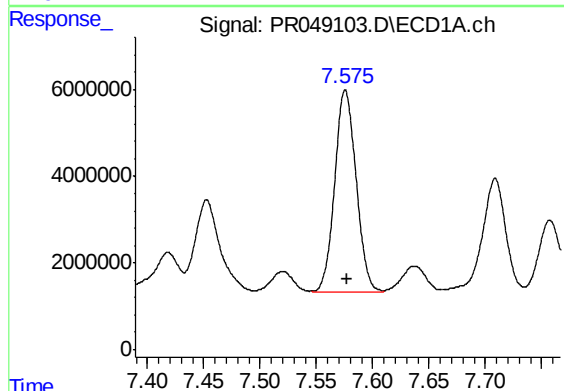
R.T.: 7.291 min
Delta R.T.: 0.000 min
Response: 78373763
Conc: 537.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



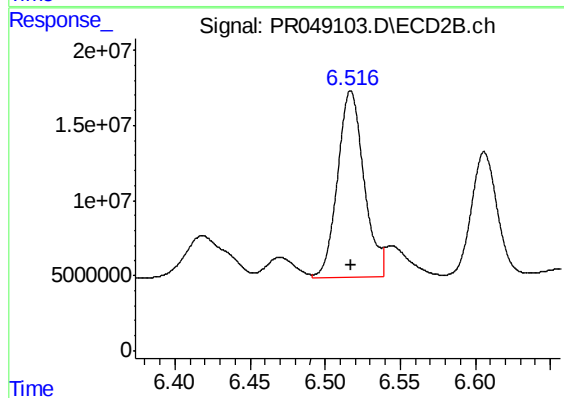
#28 AR-1254-3

R.T.: 6.289 min
Delta R.T.: 0.000 min
Response: 119323122
Conc: 496.13 ng/ml



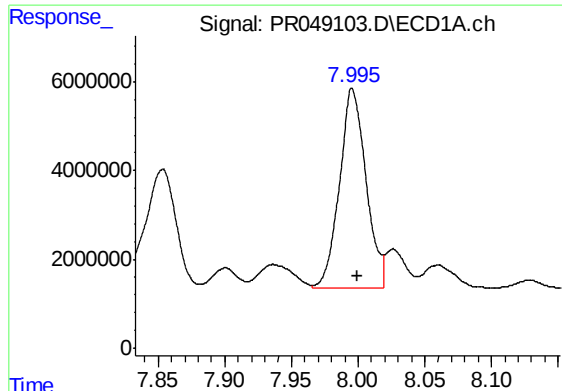
#29 AR-1254-4

R.T.: 7.576 min
Delta R.T.: -0.002 min
Response: 61352464
Conc: 534.45 ng/ml



#29 AR-1254-4

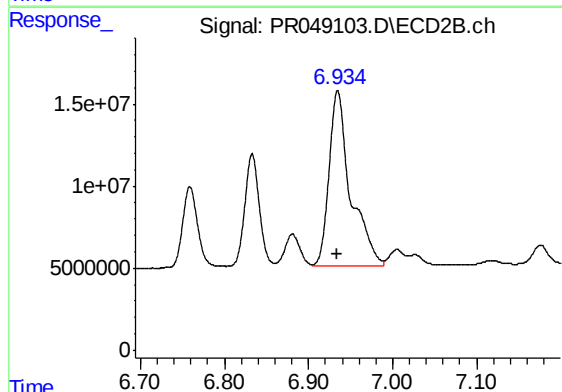
R.T.: 6.517 min
Delta R.T.: 0.000 min
Response: 151799206
Conc: 559.09 ng/ml



#30 AR-1254-5

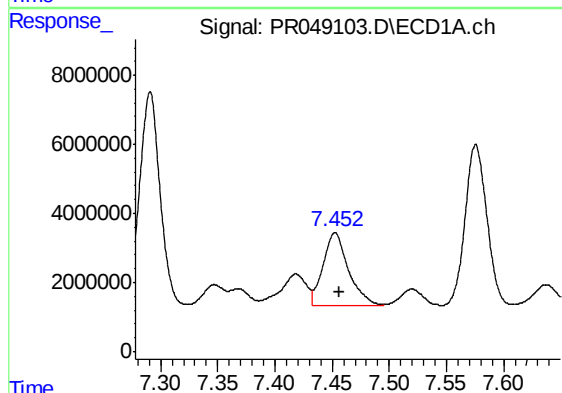
R.T.: 7.995 min
Delta R.T.: -0.004 min
Response: 62208789
Conc: 527.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



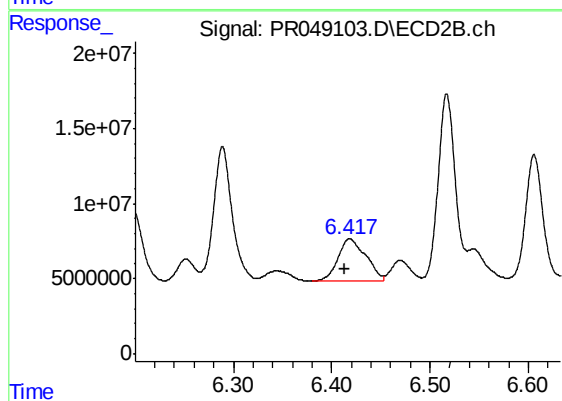
#30 AR-1254-5

R.T.: 6.935 min
Delta R.T.: 0.000 min
Response: 190751611
Conc: 542.43 ng/ml



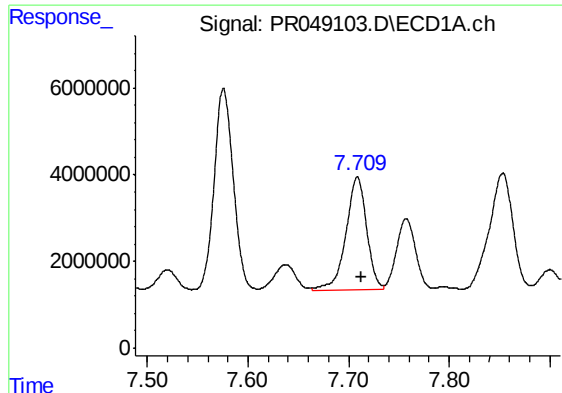
#31 AR-1260-1

R.T.: 7.453 min
Delta R.T.: -0.004 min
Response: 32647021
Conc: 303.80 ng/ml



#31 AR-1260-1

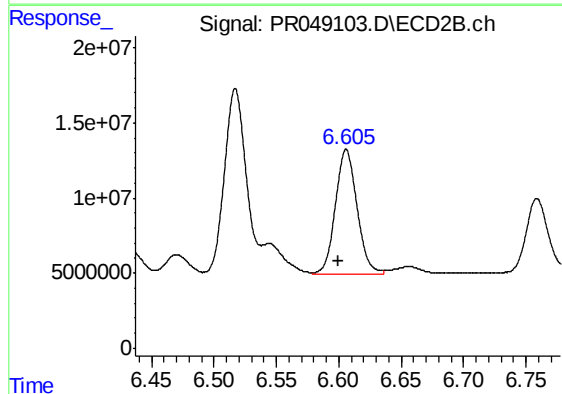
R.T.: 6.418 min
Delta R.T.: 0.006 min
Response: 55349998
Conc: 405.45 ng/ml



#32 AR-1260-2

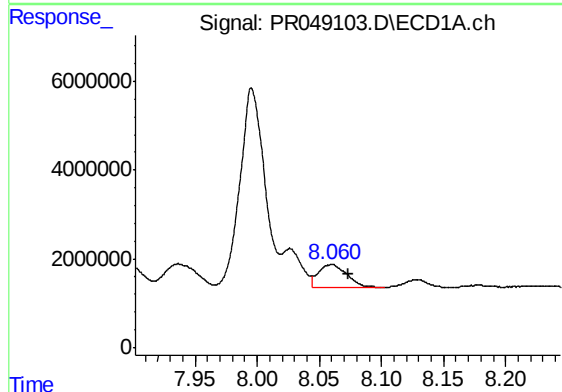
R.T.: 7.709 min
Delta R.T.: -0.003 min
Response: 37378520
Conc: 269.12 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



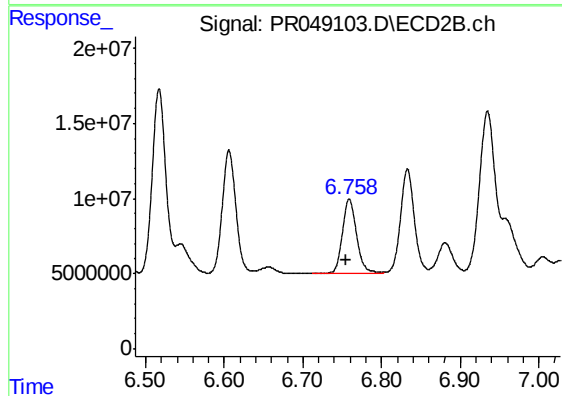
#32 AR-1260-2

R.T.: 6.606 min
Delta R.T.: 0.006 min
Response: 100205547
Conc: 266.21 ng/ml



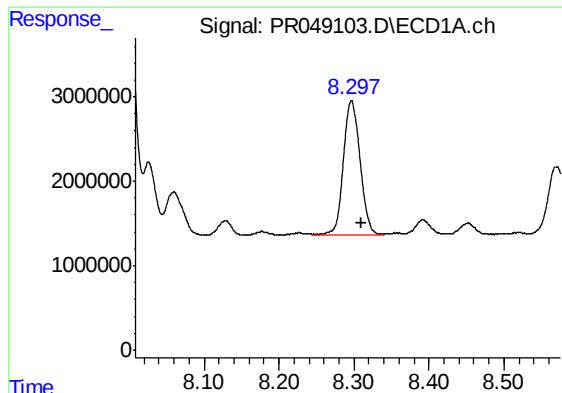
#33 AR-1260-3

R.T.: 8.060 min
Delta R.T.: -0.014 min
Response: 8206505
Conc: 80.76 ng/ml



#33 AR-1260-3

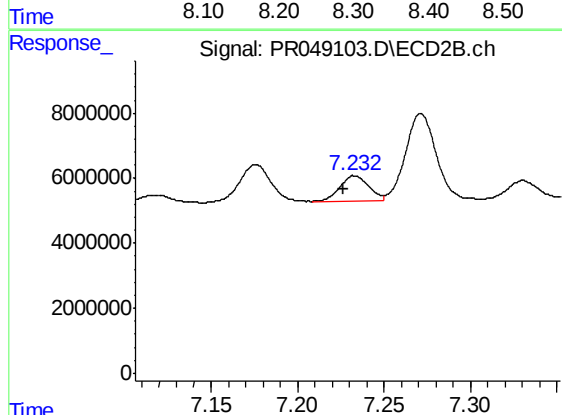
R.T.: 6.759 min
Delta R.T.: 0.005 min
Response: 61190713
Conc: 231.70 ng/ml



#34 AR-1260-4

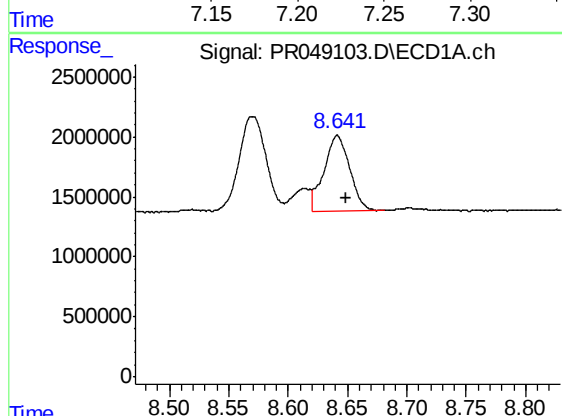
R.T.: 8.297 min
Delta R.T.: -0.014 min
Response: 24728130
Conc: 219.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



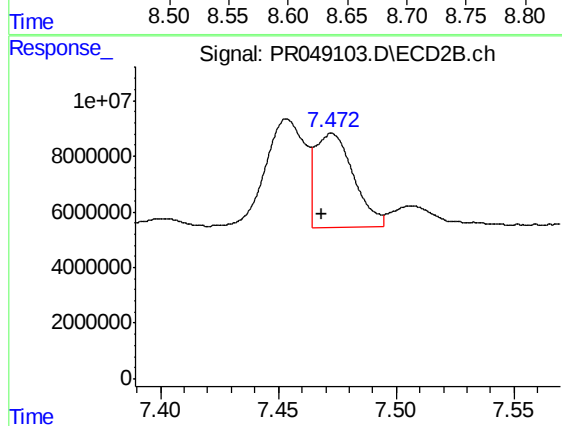
#34 AR-1260-4

R.T.: 7.233 min
Delta R.T.: 0.006 min
Response: 9018746
Conc: 32.84 ng/ml



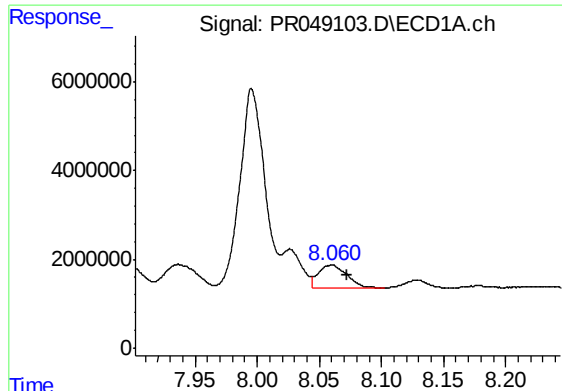
#35 AR-1260-5

R.T.: 8.641 min
Delta R.T.: -0.007 min
Response: 9496864
Conc: 40.60 ng/ml



#35 AR-1260-5

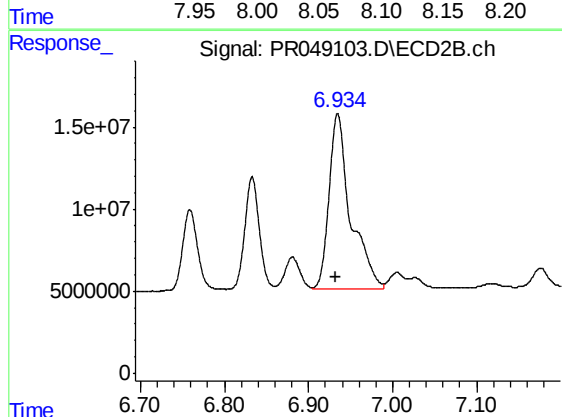
R.T.: 7.473 min
Delta R.T.: 0.004 min
Response: 38011465
Conc: 30.33 ng/ml



#36 AR-1262-1

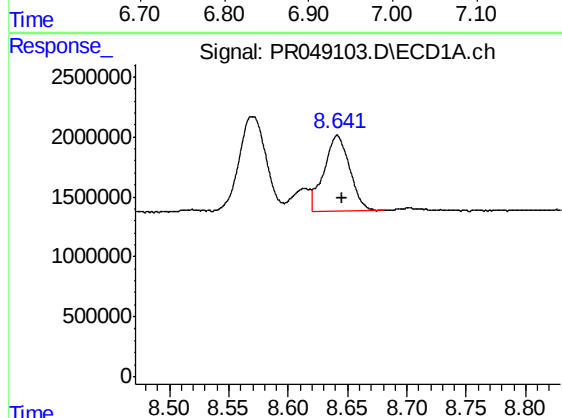
R.T.: 8.060 min
Delta R.T.: -0.012 min
Response: 8206505
Conc: 60.16 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



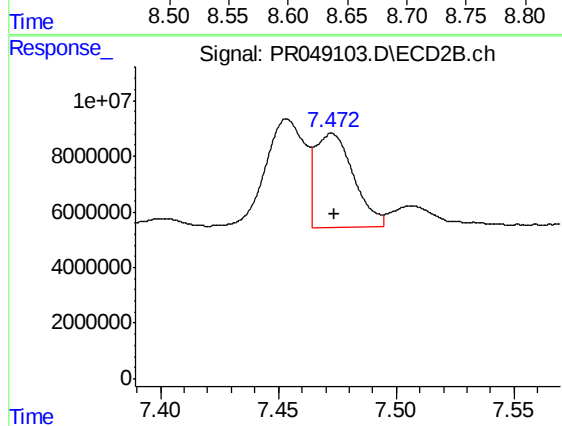
#36 AR-1262-1

R.T.: 6.935 min
Delta R.T.: 0.002 min
Response: 190751611
Conc: 1048.86 ng/ml



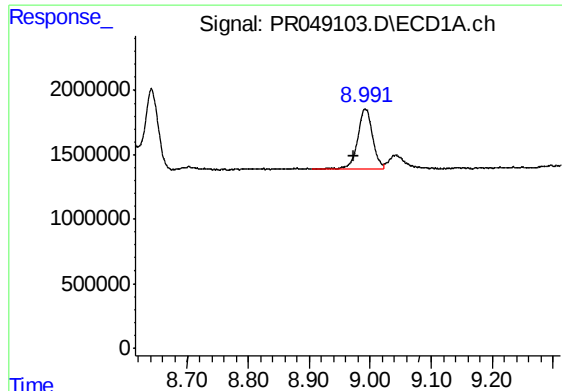
#37 AR-1262-2

R.T.: 8.641 min
Delta R.T.: -0.004 min
Response: 9496864
Conc: 39.07 ng/ml



#37 AR-1262-2

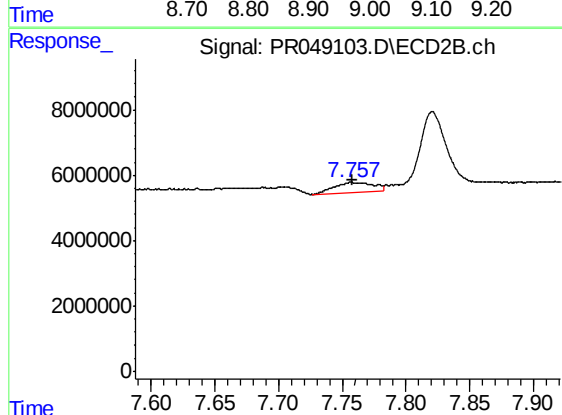
R.T.: 7.473 min
Delta R.T.: -0.001 min
Response: 38011465
Conc: 30.18 ng/ml



#38 AR-1262-3

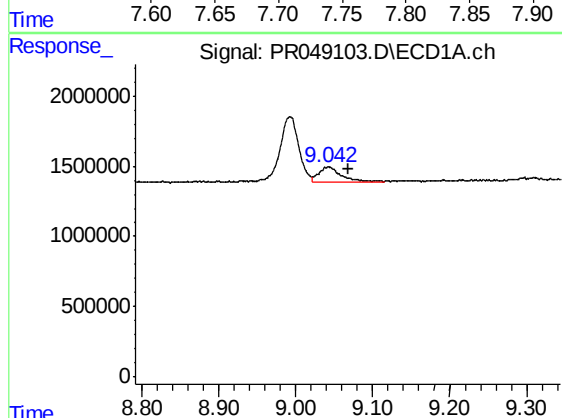
R.T.: 8.992 min
Delta R.T.: 0.020 min
Response: 7853122
Conc: 45.67 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



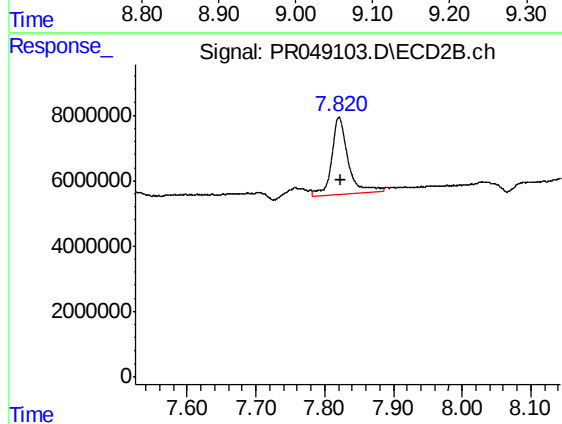
#38 AR-1262-3

R.T.: 7.757 min
Delta R.T.: 0.000 min
Response: 6538454
Conc: 12.95 ng/ml



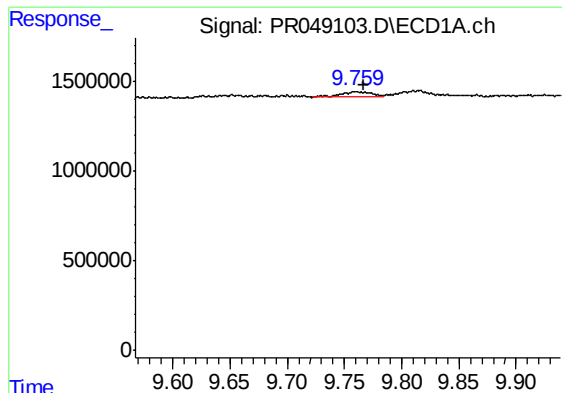
#39 AR-1262-4

R.T.: 9.043 min
Delta R.T.: -0.026 min
Response: 2023245
Conc: 15.00 ng/ml



#39 AR-1262-4

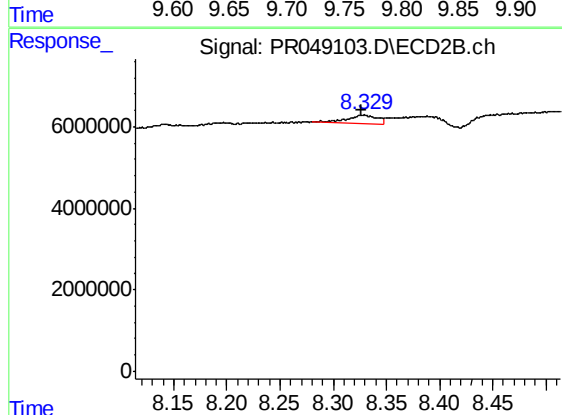
R.T.: 7.821 min
Delta R.T.: -0.002 min
Response: 39322166
Conc: 46.98 ng/ml



#40 AR-1262-5

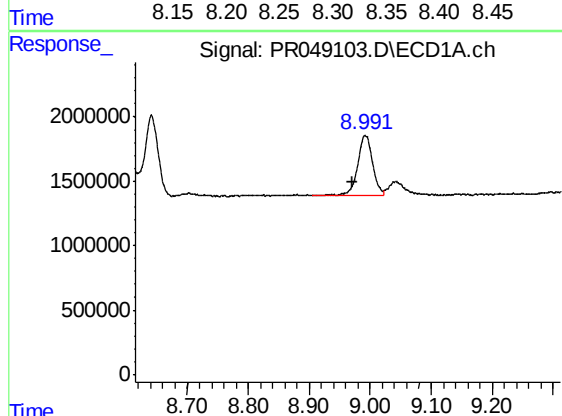
R.T.: 9.760 min
Delta R.T.: -0.008 min
Response: 551272
Conc: 5.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



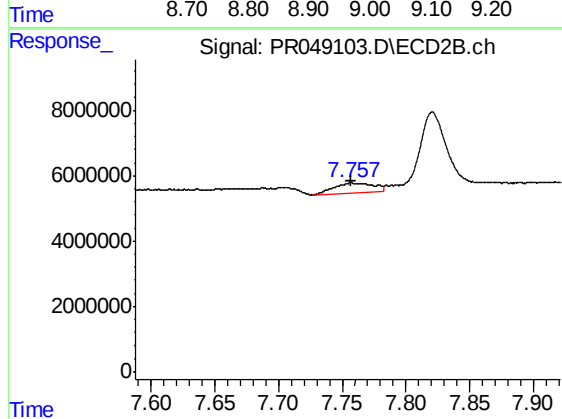
#40 AR-1262-5

R.T.: 8.328 min
Delta R.T.: 0.001 min
Response: 4068814
Conc: 10.30 ng/ml



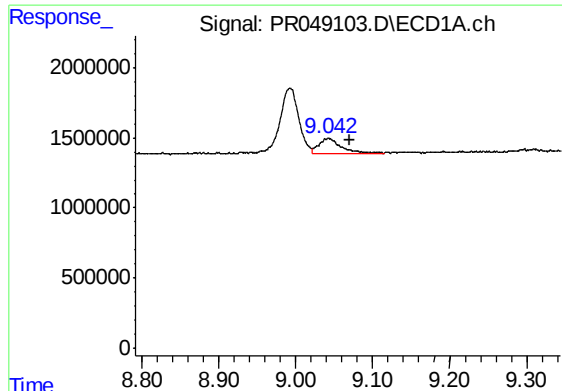
#41 AR-1268-1

R.T.: 8.992 min
Delta R.T.: 0.022 min
Response: 7853122
Conc: 25.77 ng/ml



#41 AR-1268-1

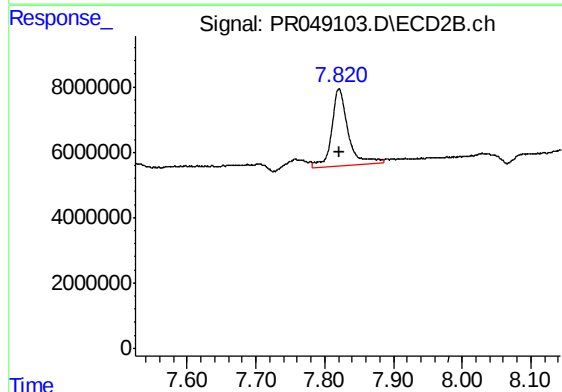
R.T.: 7.757 min
Delta R.T.: 0.000 min
Response: 6538454
Conc: 4.18 ng/ml



#42 AR-1268-2

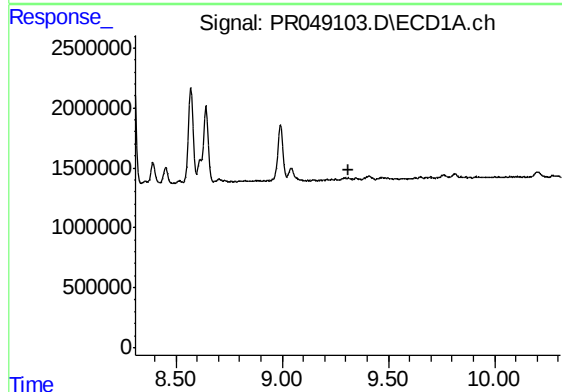
R.T.: 9.043 min
Delta R.T.: -0.027 min
Response: 2023245
Conc: 7.02 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



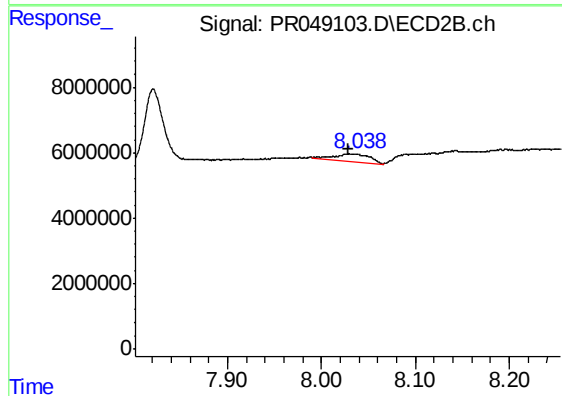
#42 AR-1268-2

R.T.: 7.821 min
Delta R.T.: -0.001 min
Response: 39322166
Conc: 29.43 ng/ml



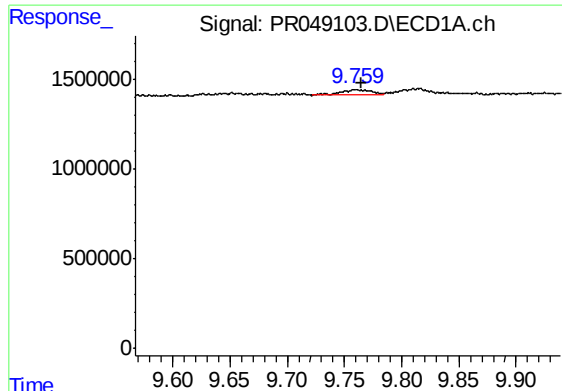
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.310 min
Response: 0
Conc: N.D.



#43 AR-1268-3

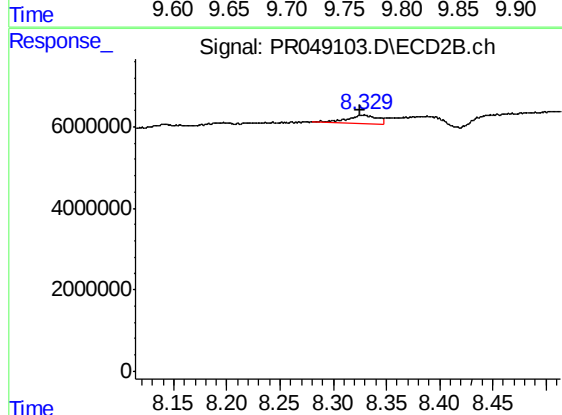
R.T.: 8.033 min
Delta R.T.: 0.004 min
Response: 5459013
Conc: 4.64 ng/ml



#44 AR-1268-4

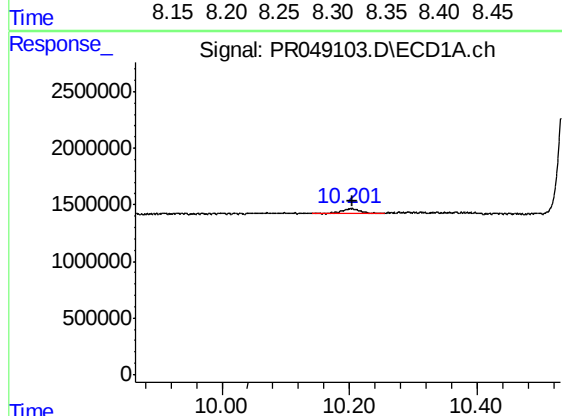
R.T.: 9.760 min
Delta R.T.: -0.005 min
Response: 551272
Conc: 4.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



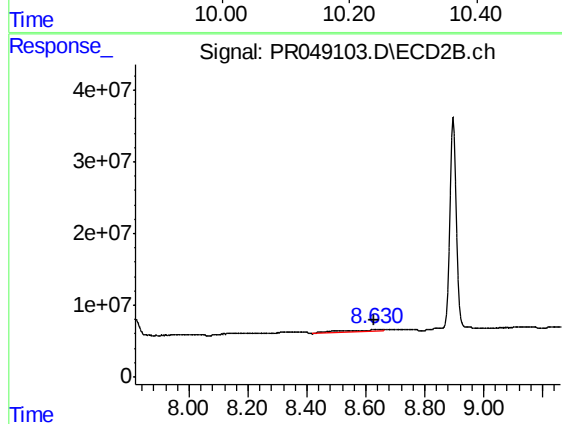
#44 AR-1268-4

R.T.: 8.328 min
Delta R.T.: 0.003 min
Response: 4068814
Conc: 8.83 ng/ml



#45 AR-1268-5

R.T.: 10.203 min
Delta R.T.: 0.000 min
Response: 816111
Conc: 0.98 ng/ml



#45 AR-1268-5

R.T.: 8.632 min
Delta R.T.: 0.003 min
Response: 24238895
Conc: 6.91 ng/ml