

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121219\
 Data File : PR043733.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Dec 2019 11:47
 Operator : SM\AJ
 Sample : K6171-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 13 08:29:54 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR120419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 07 03:51:56 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...	4.704	3.963	101.6E6	133.8E6	18.284	17.324
2)	SA Decachlor...	10.610	9.053	86215817	194.9E6	22.897	19.693
Target Compounds							
3)	L1 AR-1016-1	5.884	5.014f	-21640	7730606	N.D.	18.962 #
4)	L1 AR-1016-2	5.914	5.014f	1513308	7730606	5.527	13.840 #
5)	L1 AR-1016-3	5.979	5.294	1591559	11850987	9.664	39.667 #
6)	L1 AR-1016-4	6.065	5.294	812347	11850987	5.899	49.269 #
7)	L1 AR-1016-5	6.361	5.537	2610961	14023377	18.896	44.164 #
8)	L2 AR-1221-1	4.945	0.000	3295235	0	57.442	N.D. #
9)	L2 AR-1221-2	5.015	0.000	7619895	0	186.458	N.D. #
10)	L2 AR-1221-3	5.091	4.389f	4847195	5938755	35.268	27.183
11)	L3 AR-1232-1	5.091	4.389f	4847195	5938755	45.094	35.205
12)	L3 AR-1232-2	5.600	5.014f	8801581	7730606	159.028	33.129 #
13)	L3 AR-1232-3	5.914	5.294	1513308	11850987	13.345	96.844 #
14)	L3 AR-1232-4	6.065	5.368	812347	15003584	13.976	141.343 #
15)	L3 AR-1232-5	6.159	5.537	2090648	14023377	46.824	117.116 #
16)	L4 AR-1242-1	5.884	5.014f	-21640	7730606	N.D.	23.381 #
17)	L4 AR-1242-2	5.914	5.014f	1513308	7730606	6.634	16.911 #
18)	L4 AR-1242-3	5.979	5.294	1591559	11850987	11.571	48.626 #
19)	L4 AR-1242-4	6.065	5.368	812347	15003584	7.077	63.689 #
20)	L4 AR-1242-5	6.808	5.865	1994096	62113493	15.677	182.208 #
21)	L5 AR-1248-1	5.884	5.014f	-21640	7730606	N.D.	31.592 #
22)	L5 AR-1248-2	6.159	5.294	2090648	11850987	12.832	36.546 #
23)	L5 AR-1248-3	6.361	5.368	2610961	15003584	14.380	45.556 #
24)	L5 AR-1248-4	6.781	5.537	3183906	14023377	15.209	33.824 #
25)	L5 AR-1248-5	6.808	5.953f	1994096	40544021	10.044	91.222 #
26)	L6 AR-1254-1	6.739	5.865	12446400	62113493	56.945	87.181 #
27)	L6 AR-1254-2	6.953	6.011	16724765	43979541	49.597	68.757 #
28)	L6 AR-1254-3	7.327	6.431	3319373	94804579	9.490	93.655 #
29)	L6 AR-1254-4	7.610	6.643	7484508	26431651	29.952	36.707
30)	L6 AR-1254-5	8.029	7.062	49609443	109.3E6	192.511	128.249 #
31)	L7 AR-1260-1	7.487	6.549	40484059	89202598	162.463	131.666
32)	L7 AR-1260-2	7.742	6.733	45242779	145.4E6	152.283	150.115
33)	L7 AR-1260-3	8.103	6.889	30218135	119.9E6	136.398	153.521
34)	L7 AR-1260-4	8.342	7.360	36682896	67389285	145.835	106.222 #
35)	L7 AR-1260-5	8.679	7.601	58742564	175.5E6	121.817	103.128
36)	L8 AR-1262-1	8.164	7.062	16376060	109.3E6	123.012	220.940 #
37)	L8 AR-1262-2	8.679	7.601	58742564	175.5E6	103.129	92.263
38)	L8 AR-1262-3	9.030	7.885	33341022	32612969	92.092	42.755 #
39)	L8 AR-1262-4	9.086	7.949	18941637	92181987	71.166	74.259
40)	L8 AR-1262-5	9.806	8.463	11488629	29945157	61.010	52.540
41)	L9 AR-1268-1	9.030	7.885	33341022	32612969	52.101	15.197 #

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 Misc :
 ALS Vial : 14 Sample Multiplier: 1

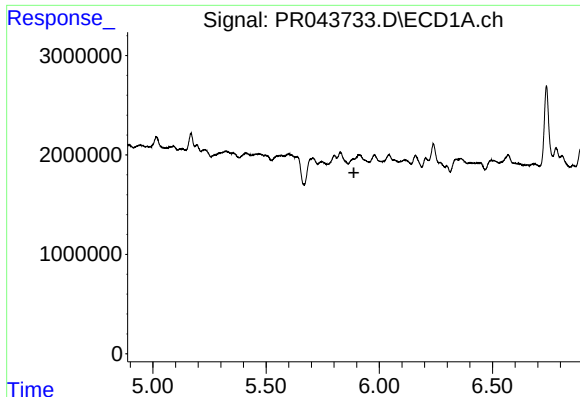
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 13 08:29:54 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR120419CLP.M
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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
42) L9	AR-1268-2	9.086	7.949	18941637	92181987	32.875	50.806 #
43) L9	AR-1268-3	9.351	8.162	1014804	16236055	2.156	10.545 #
44) L9	AR-1268-4	9.806	8.463	11488629	29945157	56.229	48.832
45) L9	AR-1268-5	10.249	8.777	3684114	9026921	2.356	2.133

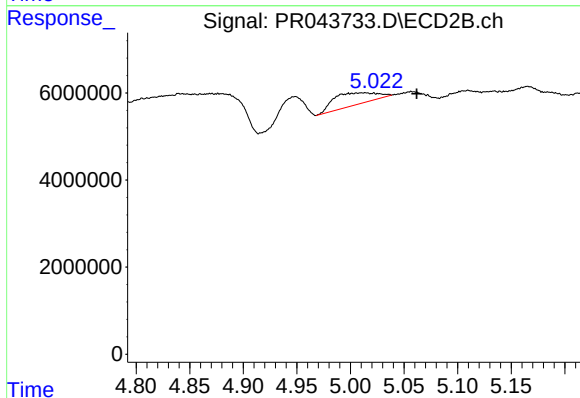
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

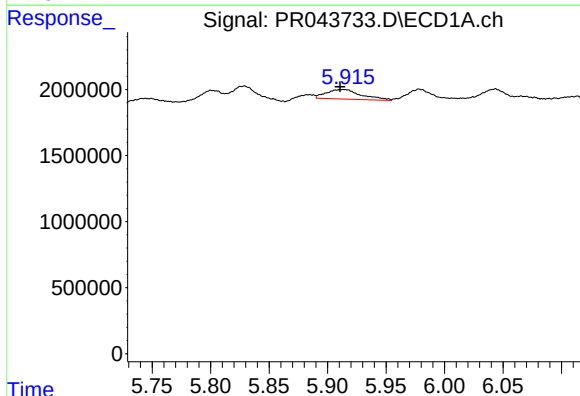
R.T.: 5.884 min
Delta R.T.: -0.004 min
Response: -21640
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



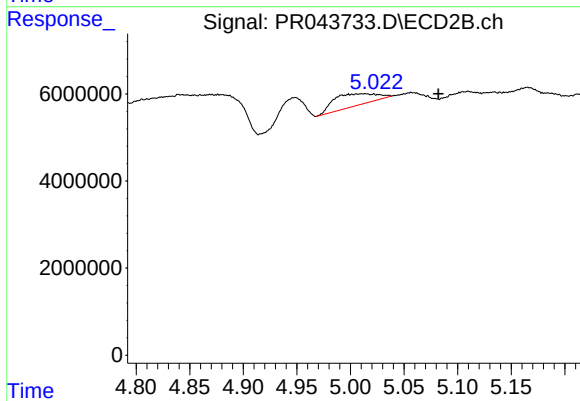
#3 AR-1016-1

R.T.: 5.014 min
Delta R.T.: -0.048 min
Response: 7730606
Conc: 18.96 ng/ml



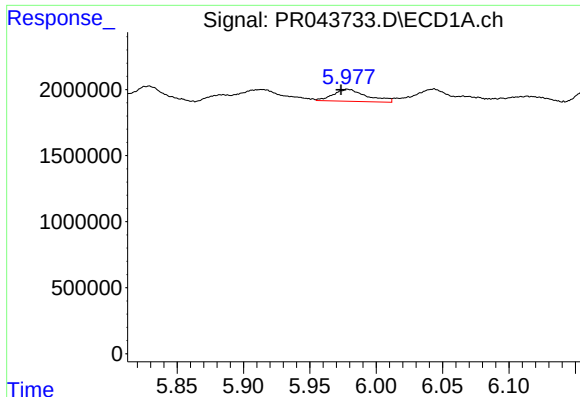
#4 AR-1016-2

R.T.: 5.914 min
Delta R.T.: 0.003 min
Response: 1513308
Conc: 5.53 ng/ml



#4 AR-1016-2

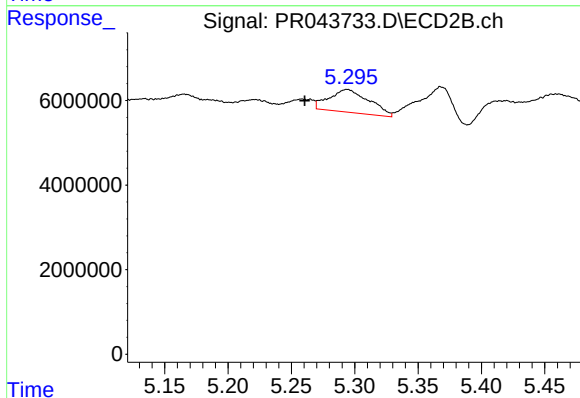
R.T.: 5.014 min
Delta R.T.: -0.068 min
Response: 7730606
Conc: 13.84 ng/ml



#5 AR-1016-3

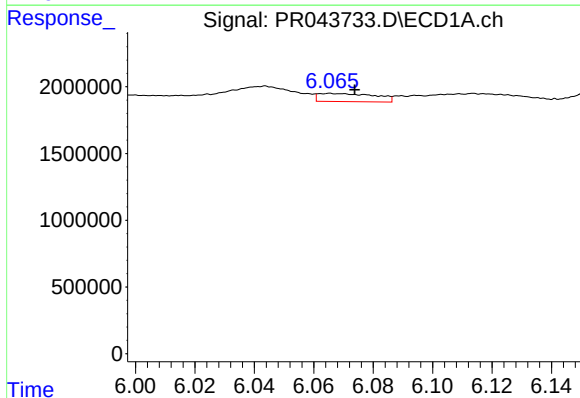
R.T.: 5.979 min
Delta R.T.: 0.005 min
Response: 1591559
Conc: 9.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



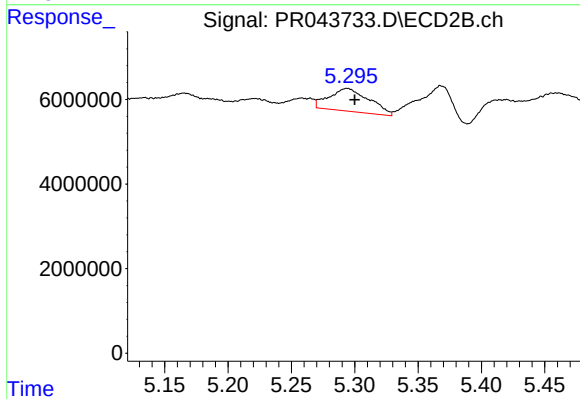
#5 AR-1016-3

R.T.: 5.294 min
Delta R.T.: 0.034 min
Response: 11850987
Conc: 39.67 ng/ml



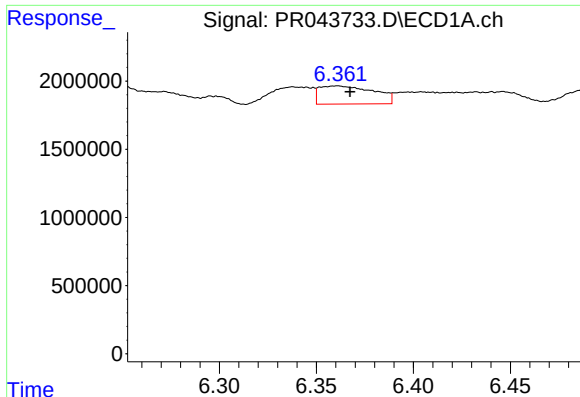
#6 AR-1016-4

R.T.: 6.065 min
Delta R.T.: -0.008 min
Response: 812347
Conc: 5.90 ng/ml



#6 AR-1016-4

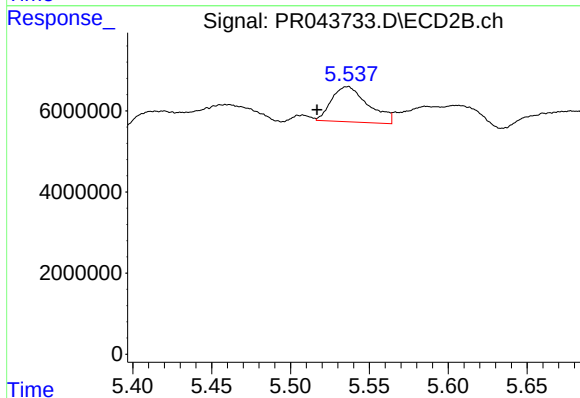
R.T.: 5.294 min
Delta R.T.: -0.006 min
Response: 11850987
Conc: 49.27 ng/ml



#7 AR-1016-5

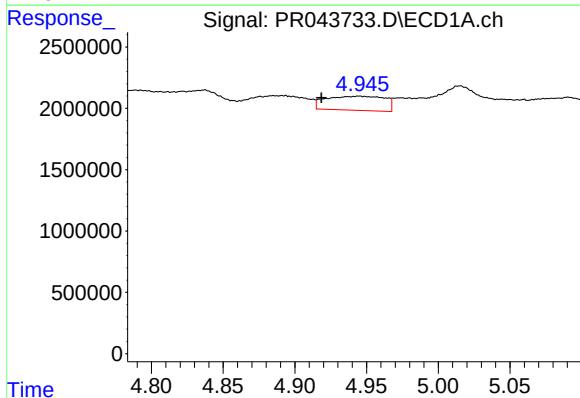
R.T.: 6.361 min
Delta R.T.: -0.007 min
Response: 2610961
Conc: 18.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



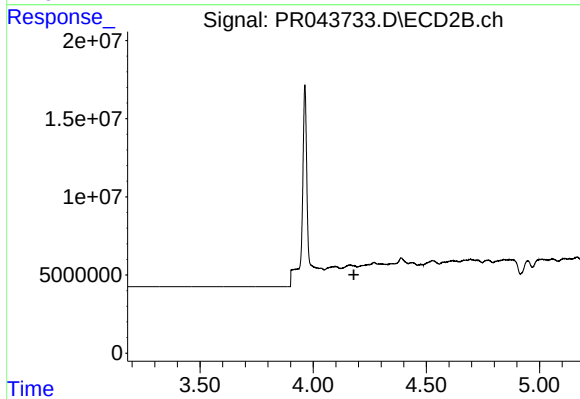
#7 AR-1016-5

R.T.: 5.537 min
Delta R.T.: 0.020 min
Response: 14023377
Conc: 44.16 ng/ml



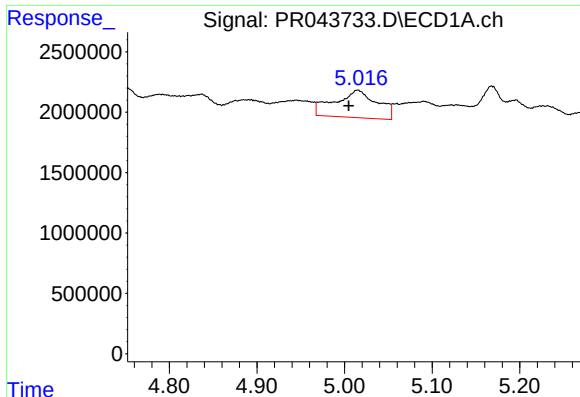
#8 AR-1221-1

R.T.: 4.945 min
Delta R.T.: 0.026 min
Response: 3295235
Conc: 57.44 ng/ml



#8 AR-1221-1

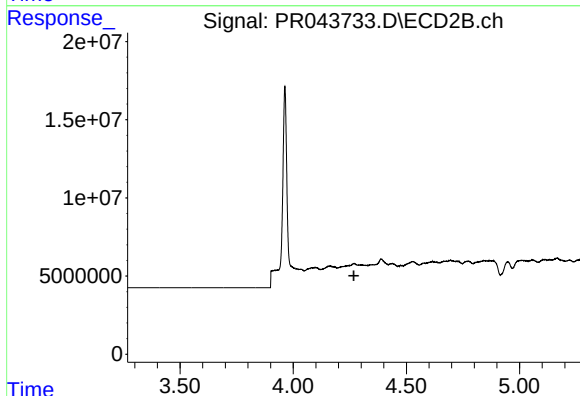
R.T.: 0.000 min
Exp R.T.: 4.180 min
Response: 0
Conc: N.D.



#9 AR-1221-2

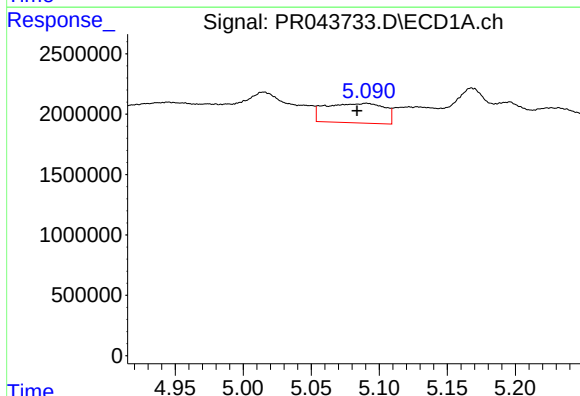
R.T.: 5.015 min
Delta R.T.: 0.010 min
Response: 7619895
Conc: 186.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



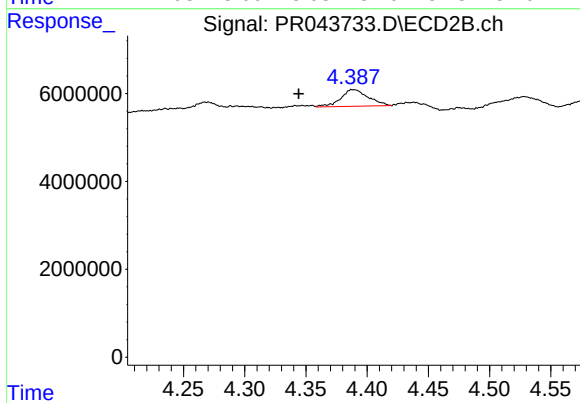
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.268 min
Response: 0
Conc: N.D.



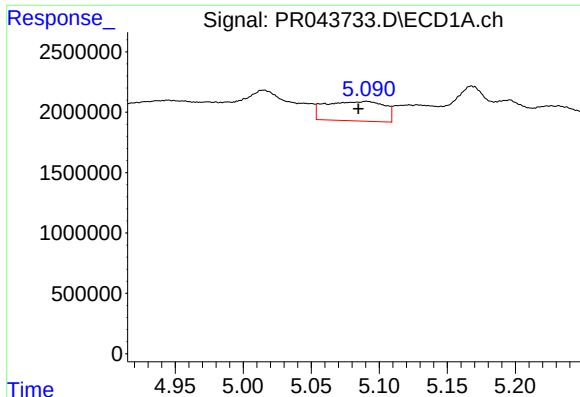
#10 AR-1221-3

R.T.: 5.091 min
Delta R.T.: 0.007 min
Response: 4847195
Conc: 35.27 ng/ml



#10 AR-1221-3

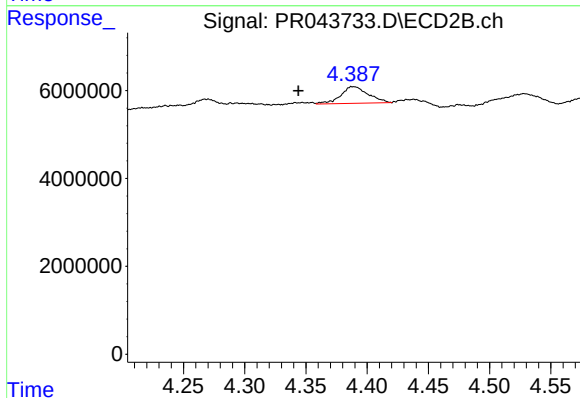
R.T.: 4.389 min
Delta R.T.: 0.045 min
Response: 5938755
Conc: 27.18 ng/ml



#11 AR-1232-1

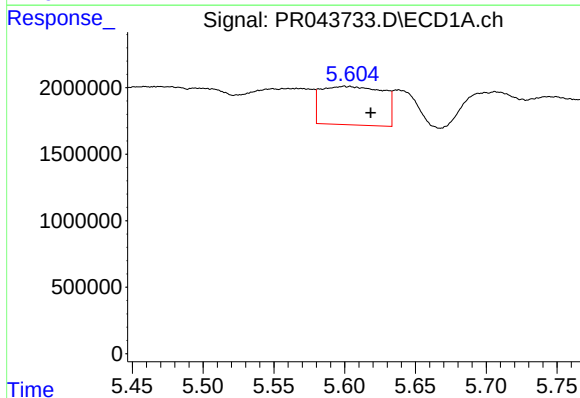
R.T.: 5.091 min
Delta R.T.: 0.006 min
Response: 4847195
Conc: 45.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



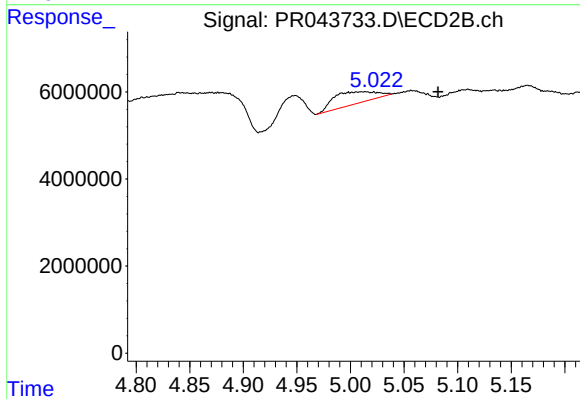
#11 AR-1232-1

R.T.: 4.389 min
Delta R.T.: 0.045 min
Response: 5938755
Conc: 35.20 ng/ml



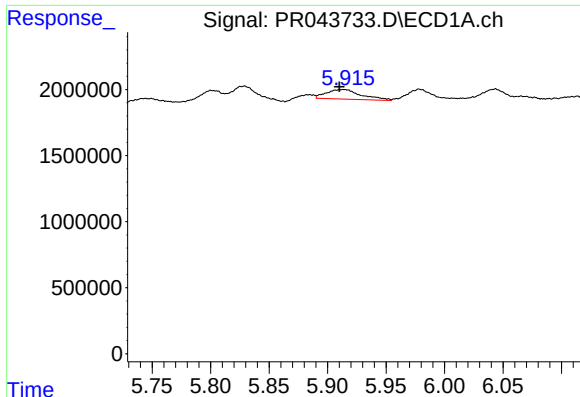
#12 AR-1232-2

R.T.: 5.600 min
Delta R.T.: -0.019 min
Response: 8801581
Conc: 159.03 ng/ml



#12 AR-1232-2

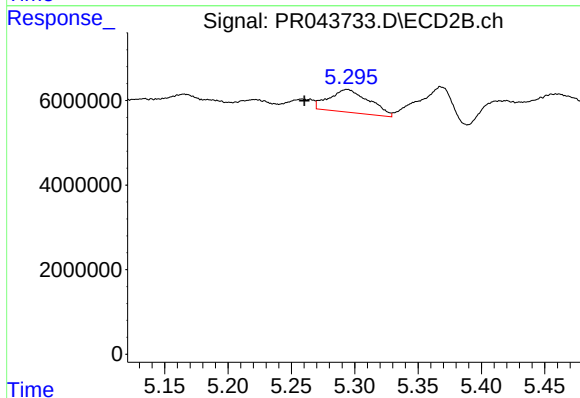
R.T.: 5.014 min
Delta R.T.: -0.068 min
Response: 7730606
Conc: 33.13 ng/ml



#13 AR-1232-3

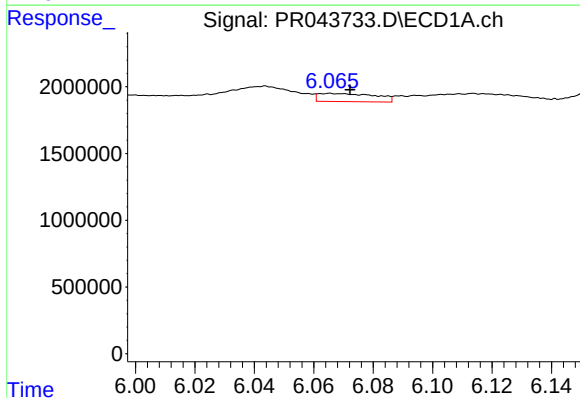
R.T.: 5.914 min
Delta R.T.: 0.003 min
Response: 1513308
Conc: 13.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



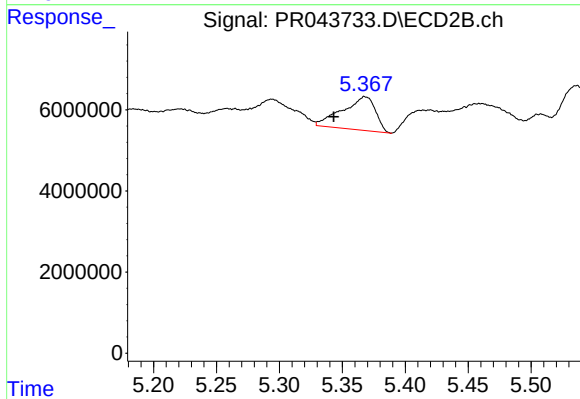
#13 AR-1232-3

R.T.: 5.294 min
Delta R.T.: 0.034 min
Response: 11850987
Conc: 96.84 ng/ml



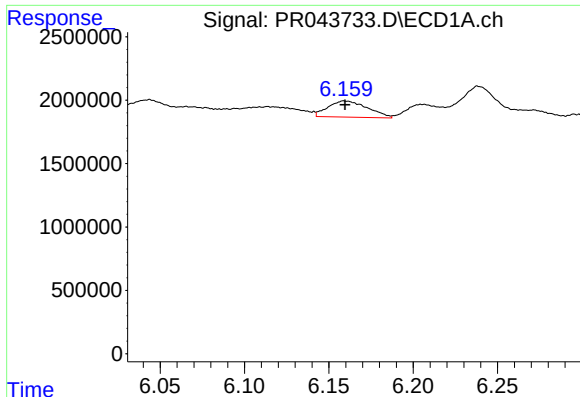
#14 AR-1232-4

R.T.: 6.065 min
Delta R.T.: -0.007 min
Response: 812347
Conc: 13.98 ng/ml



#14 AR-1232-4

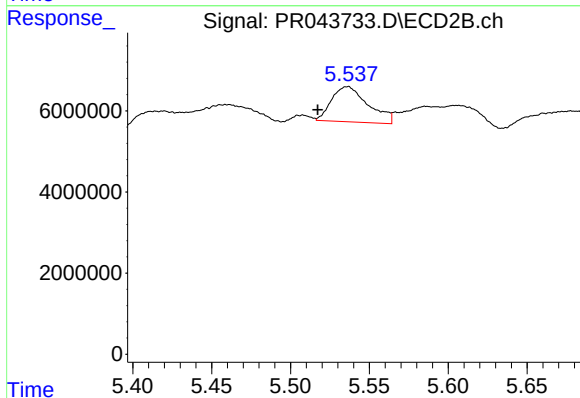
R.T.: 5.368 min
Delta R.T.: 0.024 min
Response: 15003584
Conc: 141.34 ng/ml



#15 AR-1232-5

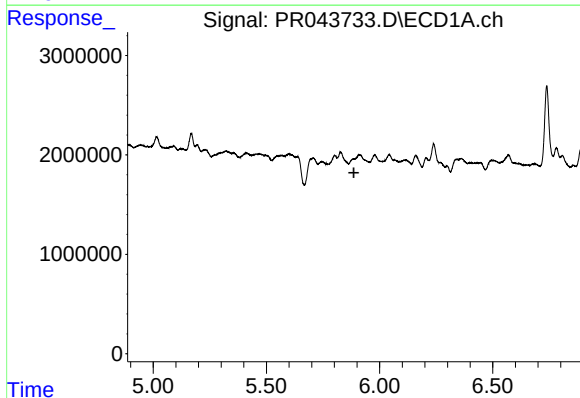
R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 2090648
Conc: 46.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



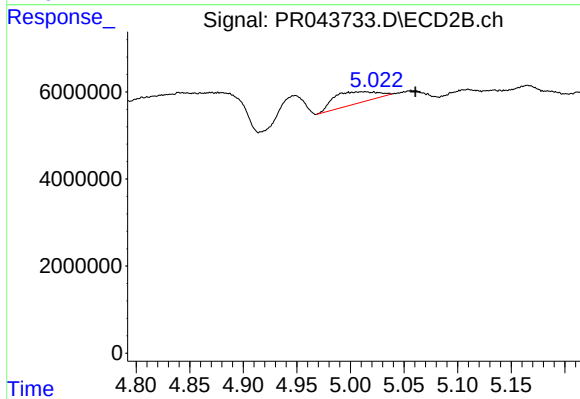
#15 AR-1232-5

R.T.: 5.537 min
Delta R.T.: 0.019 min
Response: 14023377
Conc: 117.12 ng/ml



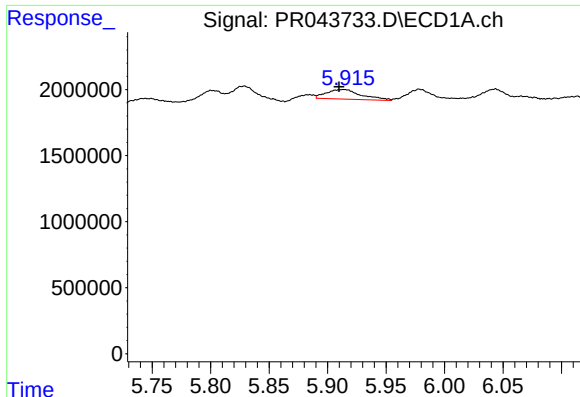
#16 AR-1242-1

R.T.: 5.884 min
Delta R.T.: -0.003 min
Response: -21640
Conc: N.D.



#16 AR-1242-1

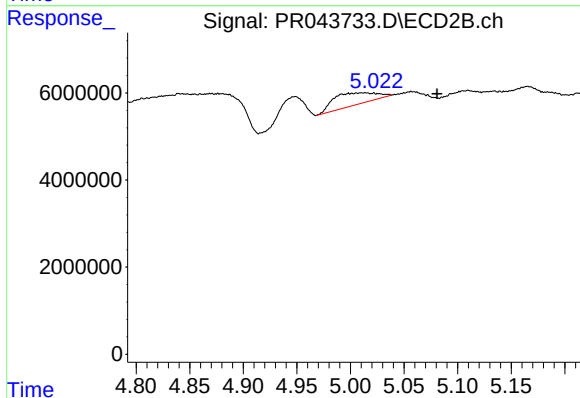
R.T.: 5.014 min
Delta R.T.: -0.047 min
Response: 7730606
Conc: 23.38 ng/ml



#17 AR-1242-2

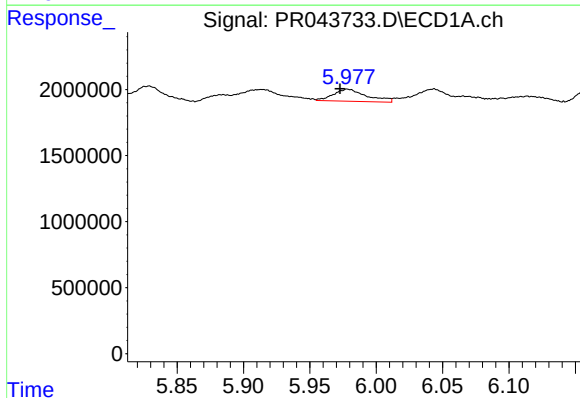
R.T.: 5.914 min
Delta R.T.: 0.004 min
Response: 1513308
Conc: 6.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



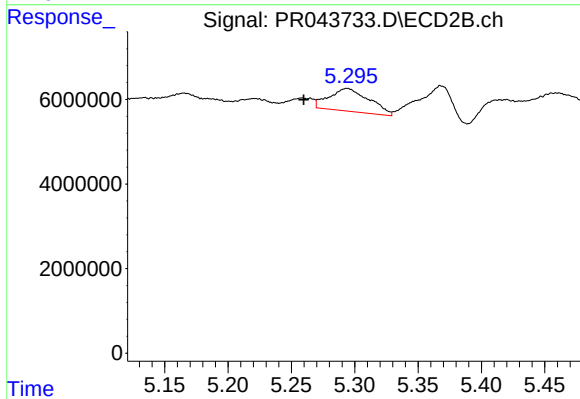
#17 AR-1242-2

R.T.: 5.014 min
Delta R.T.: -0.067 min
Response: 7730606
Conc: 16.91 ng/ml



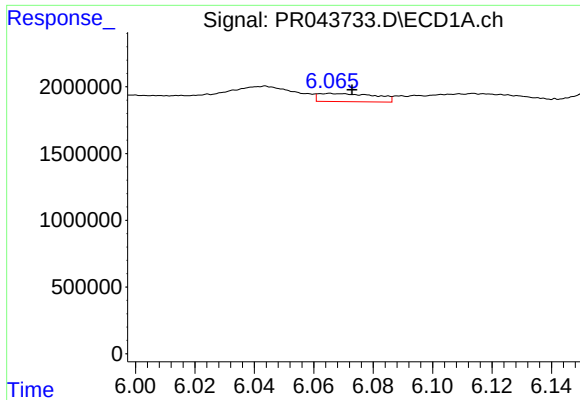
#18 AR-1242-3

R.T.: 5.979 min
Delta R.T.: 0.006 min
Response: 1591559
Conc: 11.57 ng/ml



#18 AR-1242-3

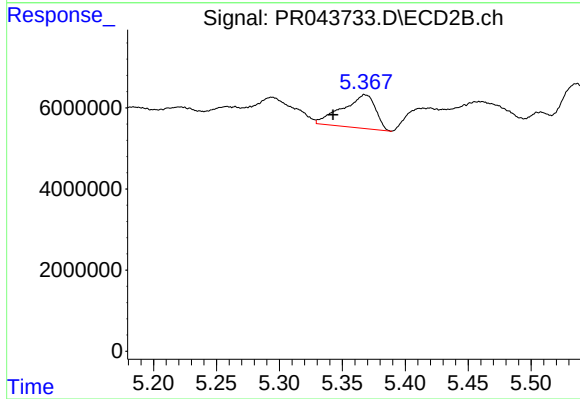
R.T.: 5.294 min
Delta R.T.: 0.034 min
Response: 11850987
Conc: 48.63 ng/ml



#19 AR-1242-4

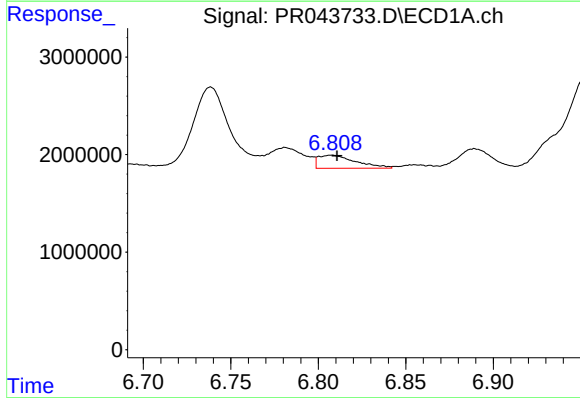
R.T.: 6.065 min
Delta R.T.: -0.008 min
Response: 812347
Conc: 7.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



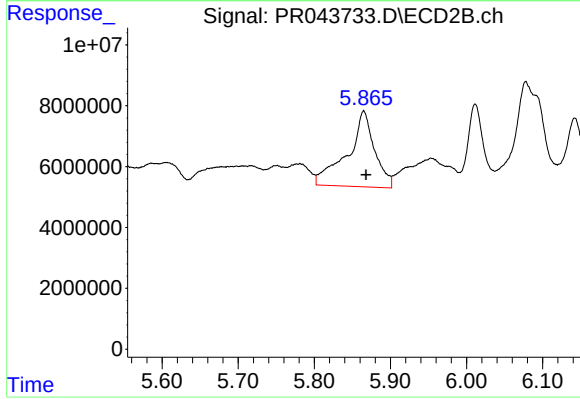
#19 AR-1242-4

R.T.: 5.368 min
Delta R.T.: 0.025 min
Response: 15003584
Conc: 63.69 ng/ml



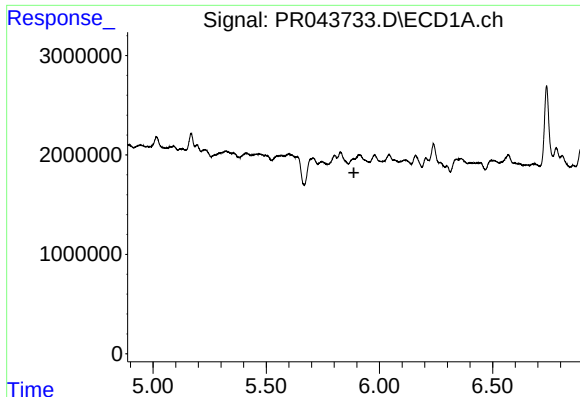
#20 AR-1242-5

R.T.: 6.808 min
Delta R.T.: -0.003 min
Response: 1994096
Conc: 15.68 ng/ml



#20 AR-1242-5

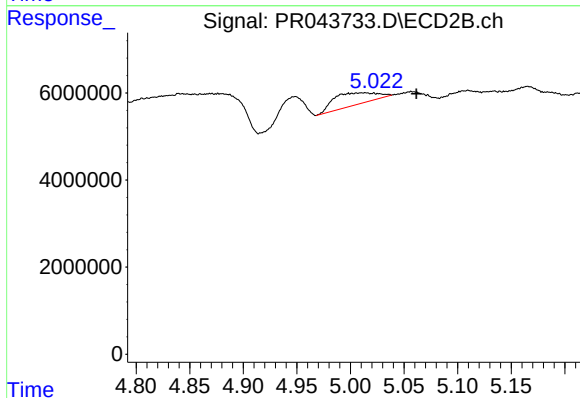
R.T.: 5.865 min
Delta R.T.: -0.003 min
Response: 62113493
Conc: 182.21 ng/ml



#21 AR-1248-1

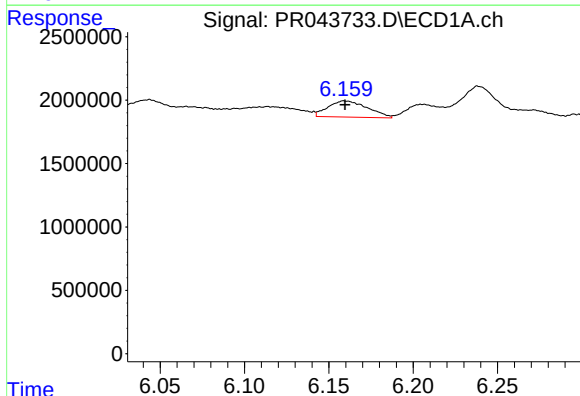
R.T.: 5.884 min
Delta R.T.: -0.003 min
Response: -21640
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



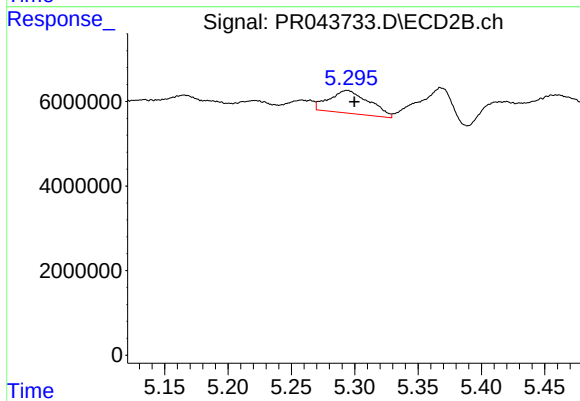
#21 AR-1248-1

R.T.: 5.014 min
Delta R.T.: -0.048 min
Response: 7730606
Conc: 31.59 ng/ml



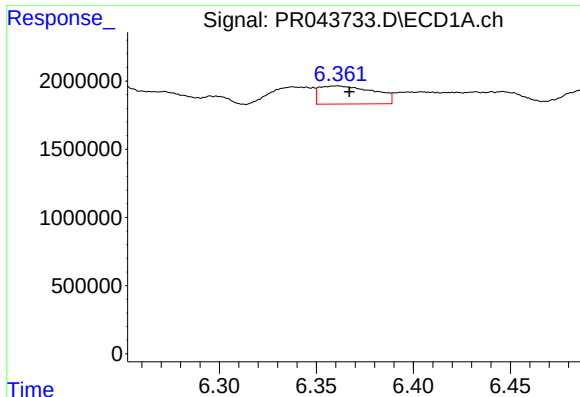
#22 AR-1248-2

R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 2090648
Conc: 12.83 ng/ml



#22 AR-1248-2

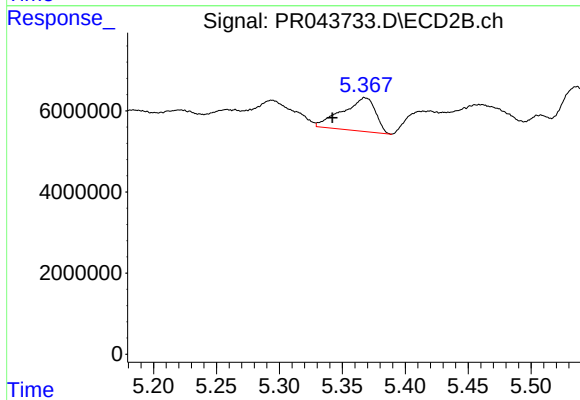
R.T.: 5.294 min
Delta R.T.: -0.006 min
Response: 11850987
Conc: 36.55 ng/ml



#23 AR-1248-3

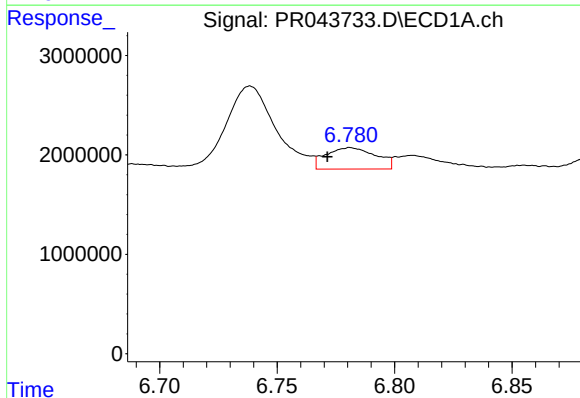
R.T.: 6.361 min
Delta R.T.: -0.006 min
Response: 2610961
Conc: 14.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



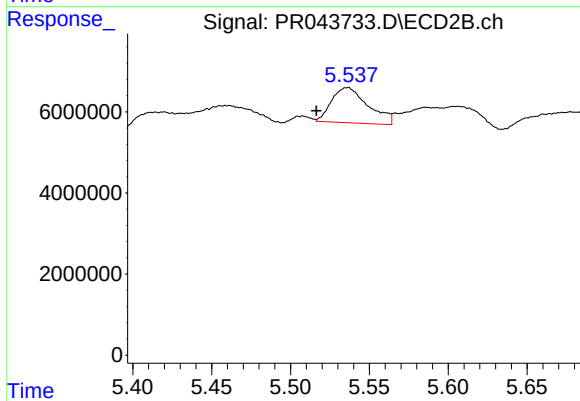
#23 AR-1248-3

R.T.: 5.368 min
Delta R.T.: 0.026 min
Response: 15003584
Conc: 45.56 ng/ml



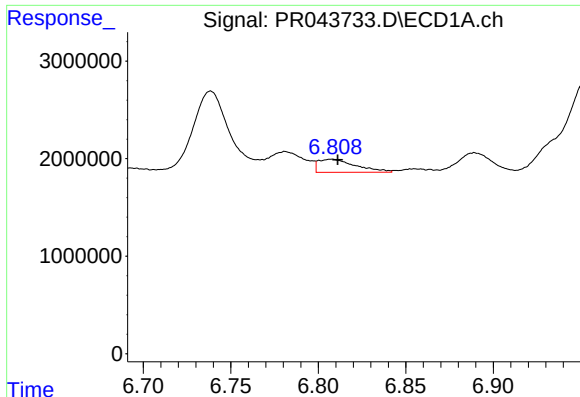
#24 AR-1248-4

R.T.: 6.781 min
Delta R.T.: 0.010 min
Response: 3183906
Conc: 15.21 ng/ml



#24 AR-1248-4

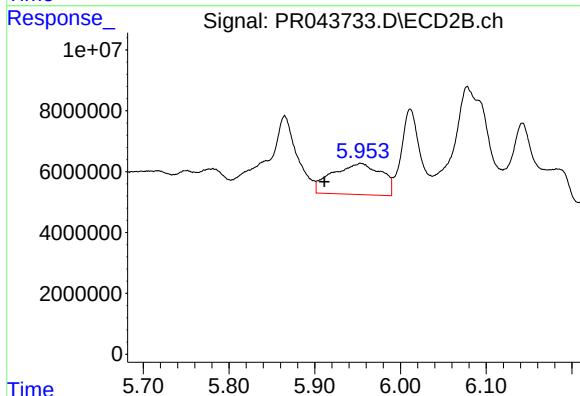
R.T.: 5.537 min
Delta R.T.: 0.020 min
Response: 14023377
Conc: 33.82 ng/ml



#25 AR-1248-5

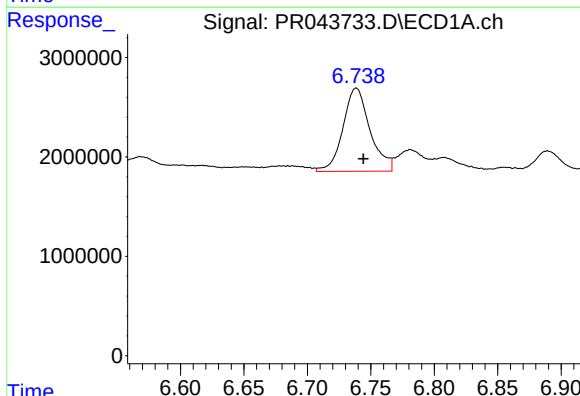
R.T.: 6.808 min
Delta R.T.: -0.003 min
Response: 1994096
Conc: 10.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



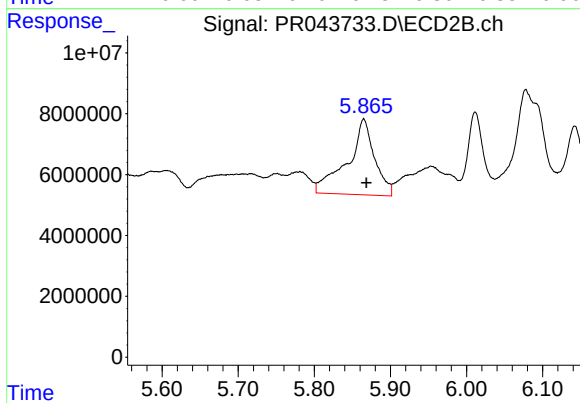
#25 AR-1248-5

R.T.: 5.953 min
Delta R.T.: 0.042 min
Response: 40544021
Conc: 91.22 ng/ml



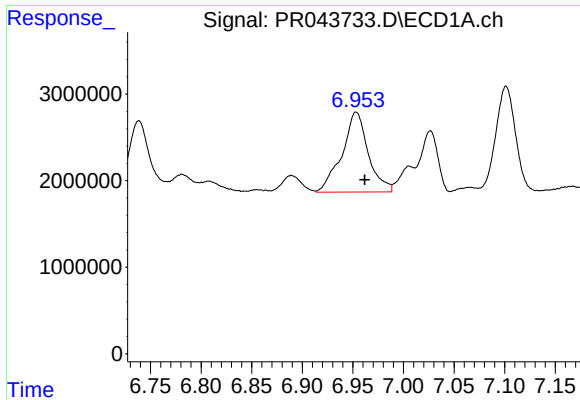
#26 AR-1254-1

R.T.: 6.739 min
Delta R.T.: -0.006 min
Response: 12446400
Conc: 56.94 ng/ml



#26 AR-1254-1

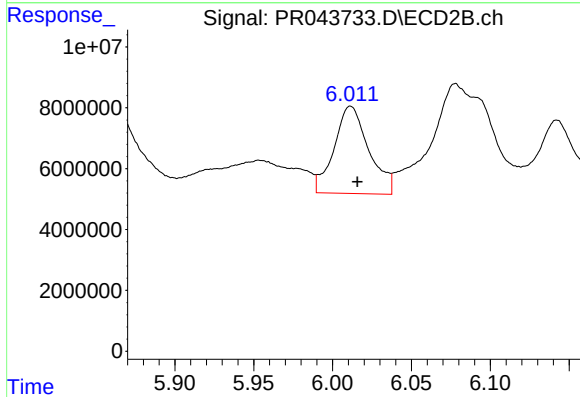
R.T.: 5.865 min
Delta R.T.: -0.003 min
Response: 62113493
Conc: 87.18 ng/ml



#27 AR-1254-2

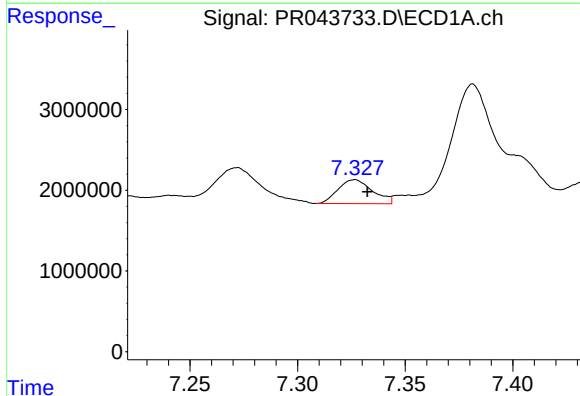
R.T.: 6.953 min
Delta R.T.: -0.008 min
Response: 16724765
Conc: 49.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



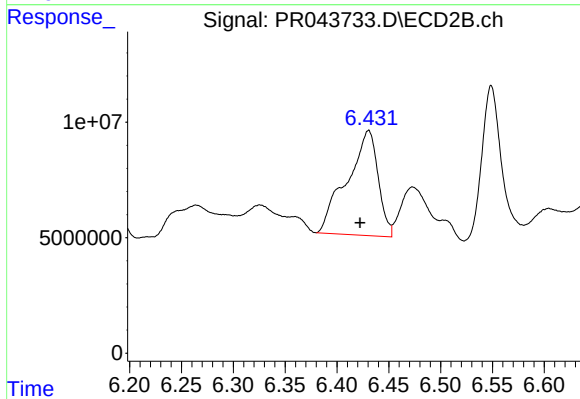
#27 AR-1254-2

R.T.: 6.011 min
Delta R.T.: -0.004 min
Response: 43979541
Conc: 68.76 ng/ml



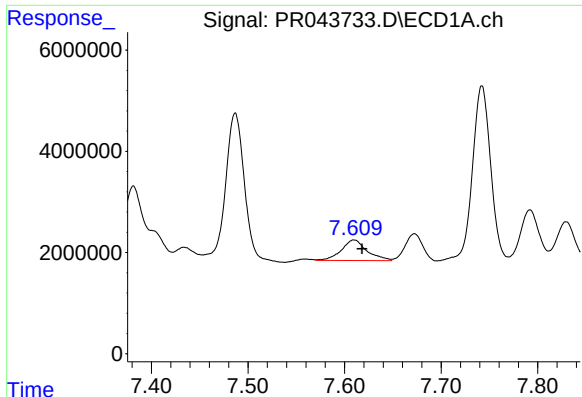
#28 AR-1254-3

R.T.: 7.327 min
Delta R.T.: -0.006 min
Response: 3319373
Conc: 9.49 ng/ml



#28 AR-1254-3

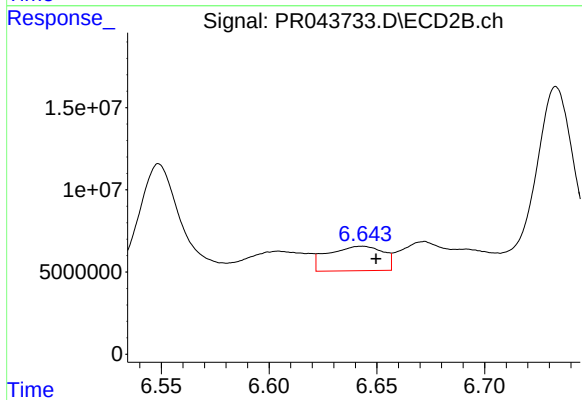
R.T.: 6.431 min
Delta R.T.: 0.009 min
Response: 94804579
Conc: 93.65 ng/ml



#29 AR-1254-4

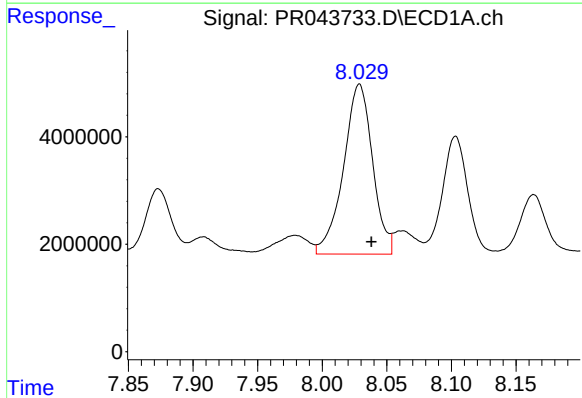
R.T.: 7.610 min
Delta R.T.: -0.008 min
Response: 7484508
Conc: 29.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



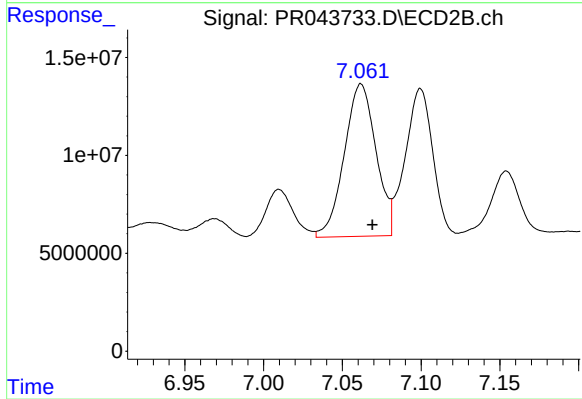
#29 AR-1254-4

R.T.: 6.643 min
Delta R.T.: -0.007 min
Response: 26431651
Conc: 36.71 ng/ml



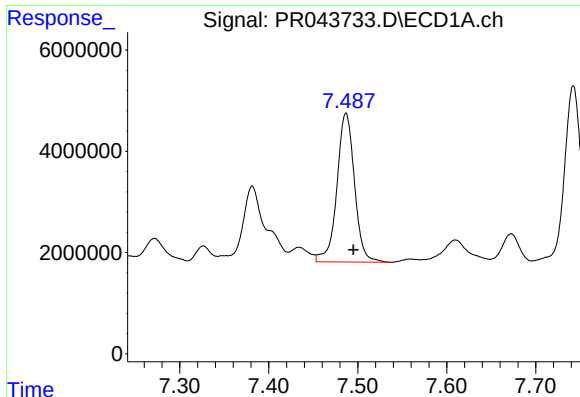
#30 AR-1254-5

R.T.: 8.029 min
Delta R.T.: -0.009 min
Response: 49609443
Conc: 192.51 ng/ml



#30 AR-1254-5

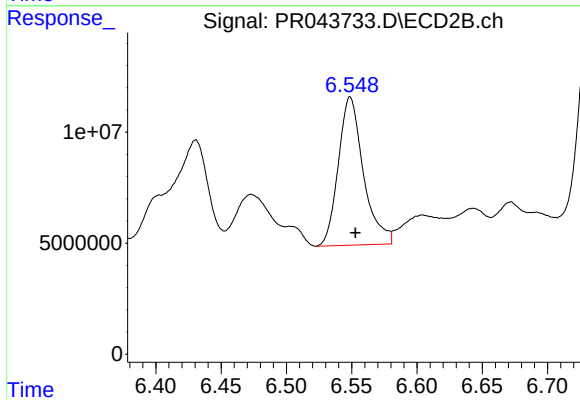
R.T.: 7.062 min
Delta R.T.: -0.007 min
Response: 109252499
Conc: 128.25 ng/ml



#31 AR-1260-1

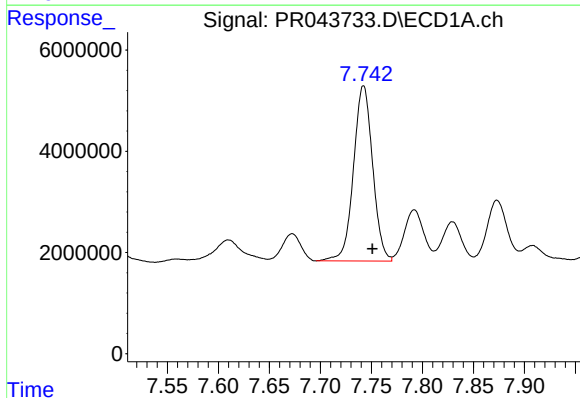
R.T.: 7.487 min
Delta R.T.: -0.008 min
Response: 40484059
Conc: 162.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



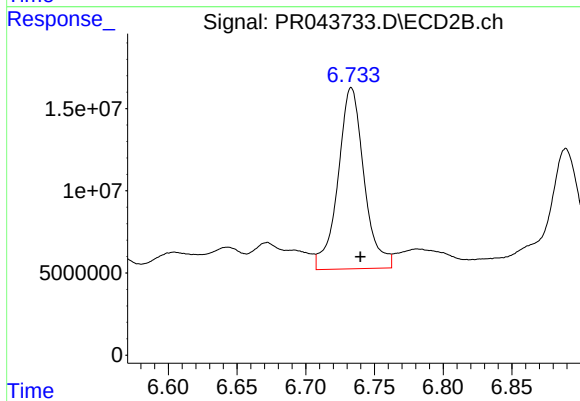
#31 AR-1260-1

R.T.: 6.549 min
Delta R.T.: -0.004 min
Response: 89202598
Conc: 131.67 ng/ml



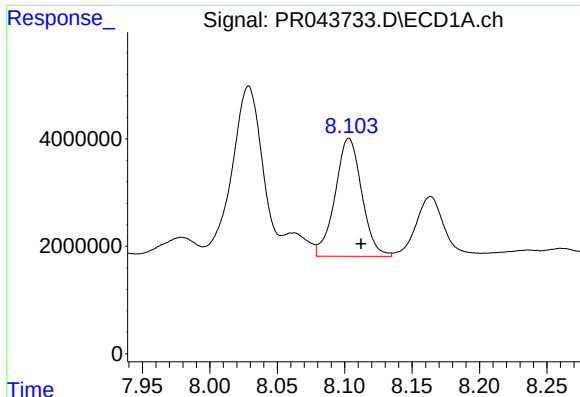
#32 AR-1260-2

R.T.: 7.742 min
Delta R.T.: -0.009 min
Response: 45242779
Conc: 152.28 ng/ml



#32 AR-1260-2

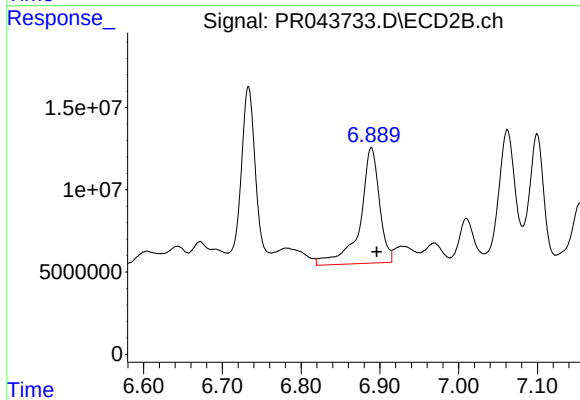
R.T.: 6.733 min
Delta R.T.: -0.006 min
Response: 145440849
Conc: 150.11 ng/ml



#33 AR-1260-3

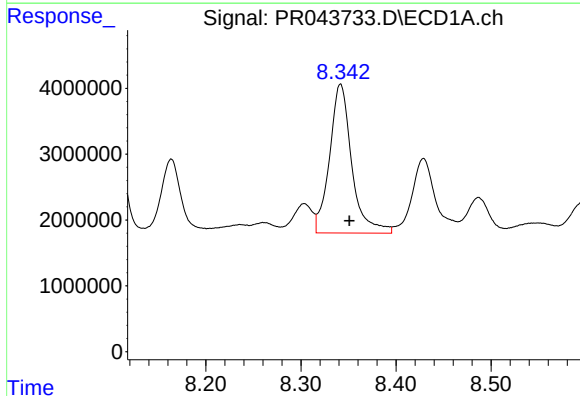
R.T.: 8.103 min
Delta R.T.: -0.009 min
Response: 30218135
Conc: 136.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



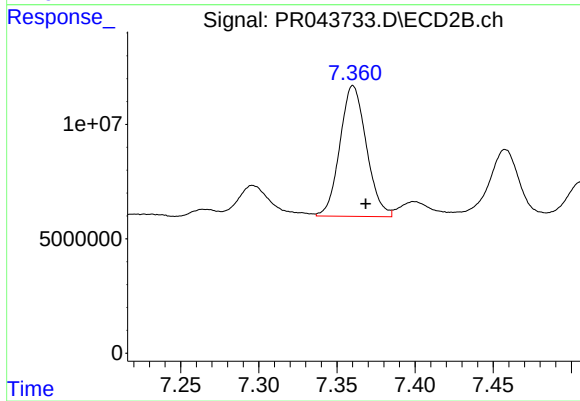
#33 AR-1260-3

R.T.: 6.889 min
Delta R.T.: -0.007 min
Response: 119889812
Conc: 153.52 ng/ml



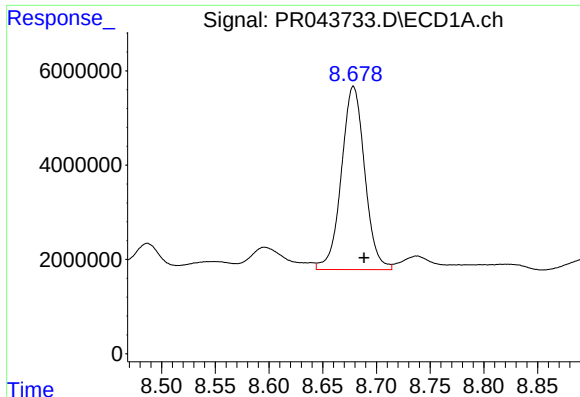
#34 AR-1260-4

R.T.: 8.342 min
Delta R.T.: -0.009 min
Response: 36682896
Conc: 145.84 ng/ml



#34 AR-1260-4

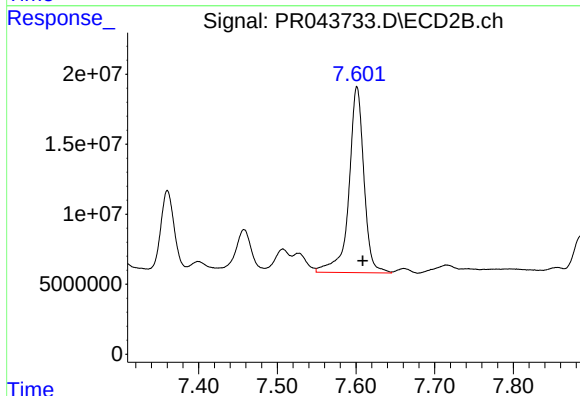
R.T.: 7.360 min
Delta R.T.: -0.008 min
Response: 67389285
Conc: 106.22 ng/ml



#35 AR-1260-5

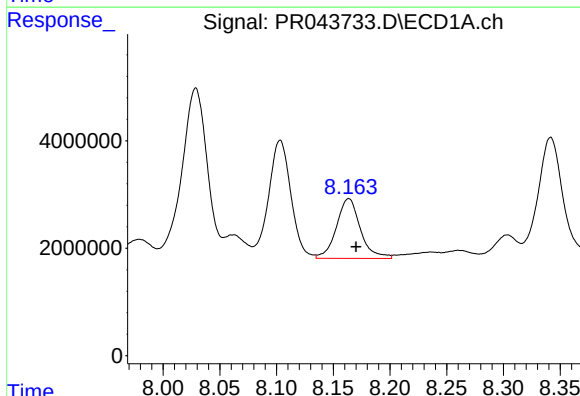
R.T.: 8.679 min
Delta R.T.: -0.010 min
Response: 58742564
Conc: 121.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



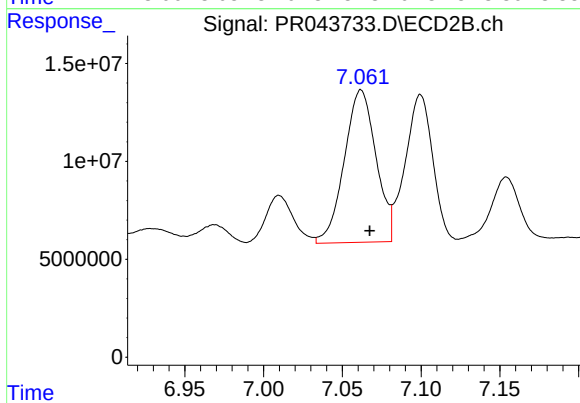
#35 AR-1260-5

R.T.: 7.601 min
Delta R.T.: -0.008 min
Response: 175539146
Conc: 103.13 ng/ml



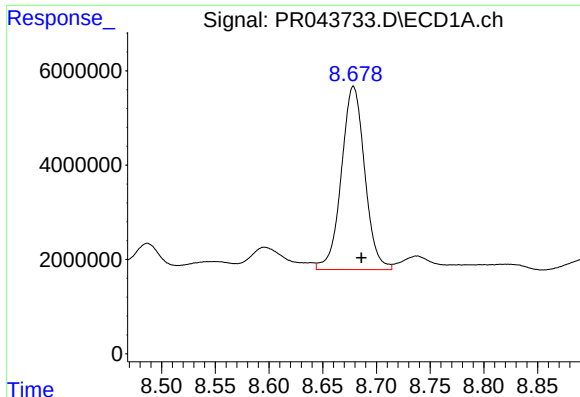
#36 AR-1262-1

R.T.: 8.164 min
Delta R.T.: -0.006 min
Response: 16376060
Conc: 123.01 ng/ml



#36 AR-1262-1

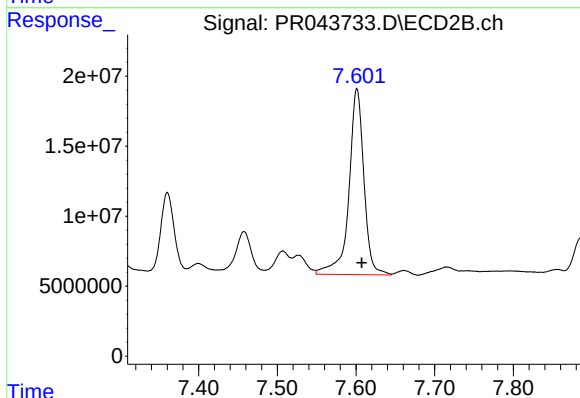
R.T.: 7.062 min
Delta R.T.: -0.006 min
Response: 109252499
Conc: 220.94 ng/ml



#37 AR-1262-2

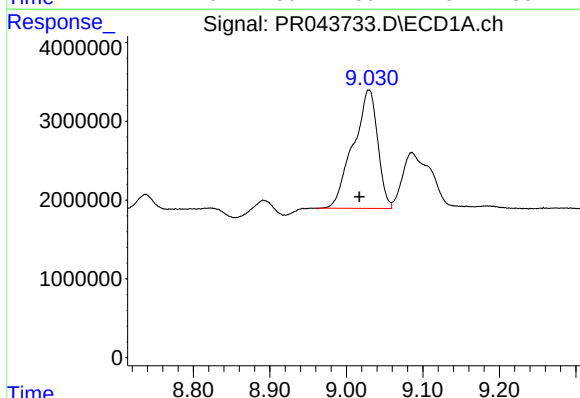
R.T.: 8.679 min
Delta R.T.: -0.007 min
Response: 58742564
Conc: 103.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



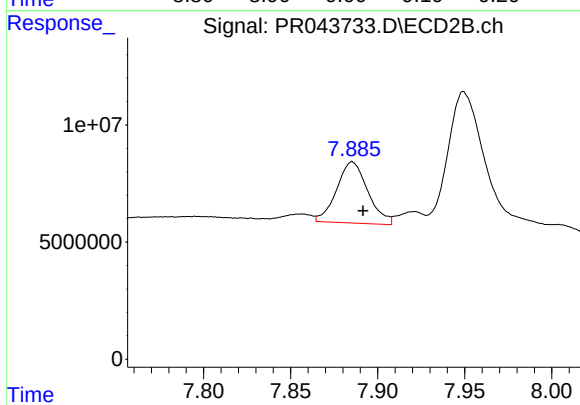
#37 AR-1262-2

R.T.: 7.601 min
Delta R.T.: -0.006 min
Response: 175539146
Conc: 92.26 ng/ml



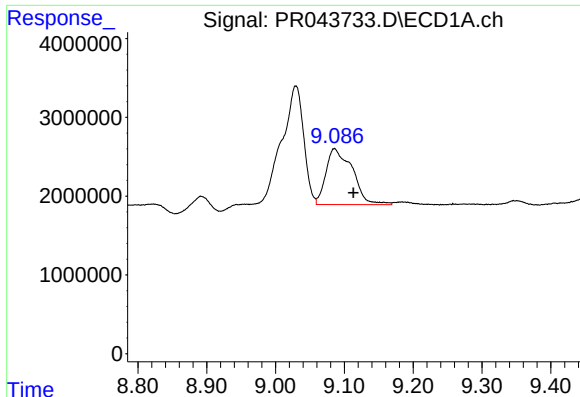
#38 AR-1262-3

R.T.: 9.030 min
Delta R.T.: 0.012 min
Response: 33341022
Conc: 92.09 ng/ml



#38 AR-1262-3

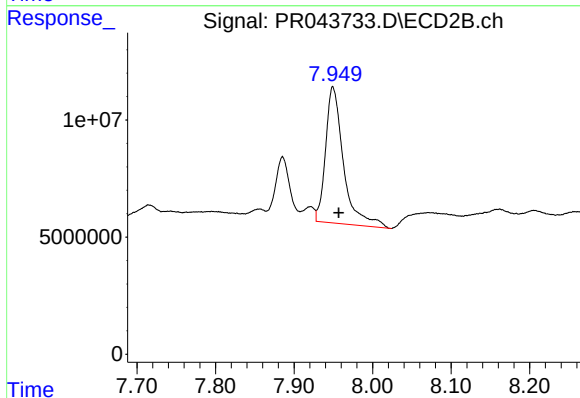
R.T.: 7.885 min
Delta R.T.: -0.006 min
Response: 32612969
Conc: 42.75 ng/ml



#39 AR-1262-4

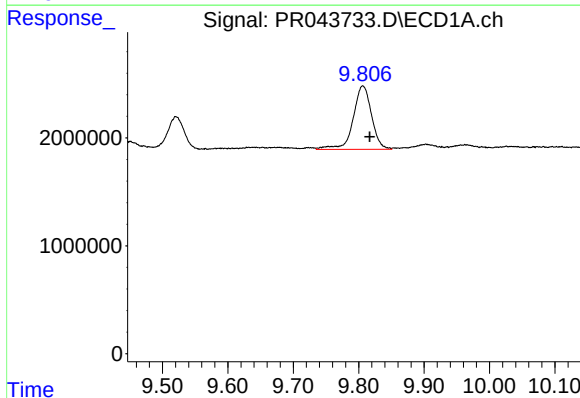
R.T.: 9.086 min
Delta R.T.: -0.028 min
Response: 18941637
Conc: 71.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



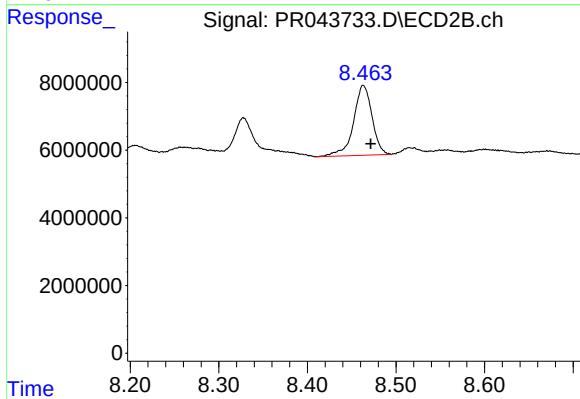
#39 AR-1262-4

R.T.: 7.949 min
Delta R.T.: -0.007 min
Response: 92181987
Conc: 74.26 ng/ml



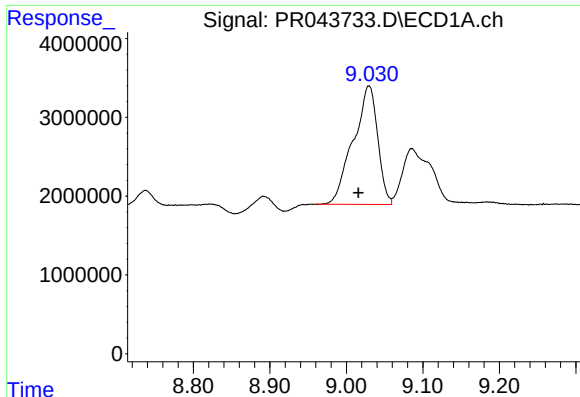
#40 AR-1262-5

R.T.: 9.806 min
Delta R.T.: -0.011 min
Response: 11488629
Conc: 61.01 ng/ml



#40 AR-1262-5

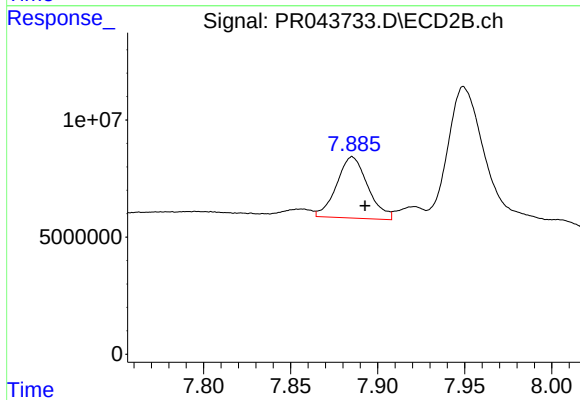
R.T.: 8.463 min
Delta R.T.: -0.009 min
Response: 29945157
Conc: 52.54 ng/ml



#41 AR-1268-1

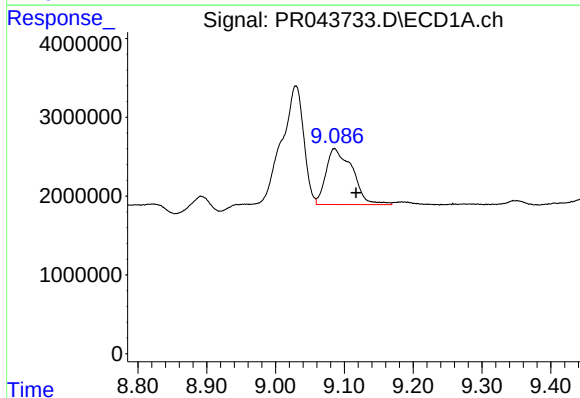
R.T.: 9.030 min
Delta R.T.: 0.014 min
Response: 33341022
Conc: 52.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



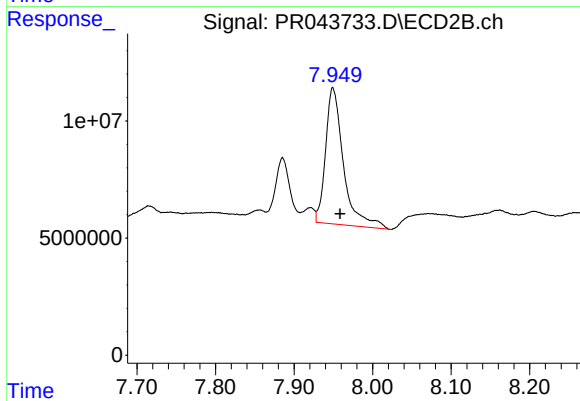
#41 AR-1268-1

R.T.: 7.885 min
Delta R.T.: -0.007 min
Response: 32612969
Conc: 15.20 ng/ml



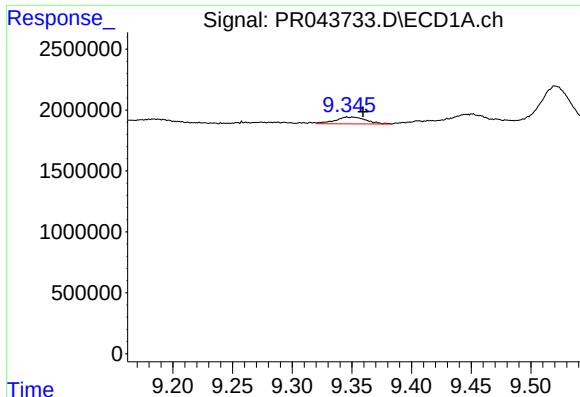
#42 AR-1268-2

R.T.: 9.086 min
Delta R.T.: -0.031 min
Response: 18941637
Conc: 32.87 ng/ml



#42 AR-1268-2

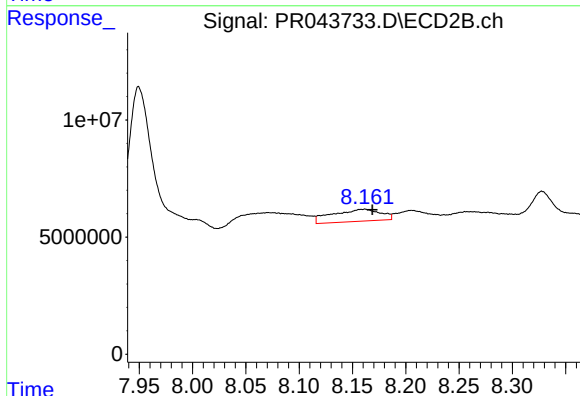
R.T.: 7.949 min
Delta R.T.: -0.009 min
Response: 92181987
Conc: 50.81 ng/ml



#43 AR-1268-3

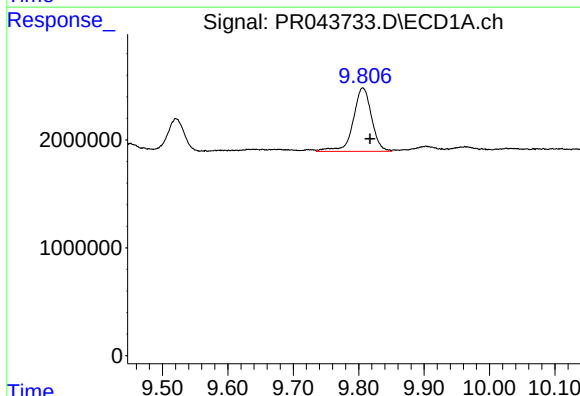
R.T.: 9.351 min
Delta R.T.: -0.009 min
Response: 1014804
Conc: 2.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



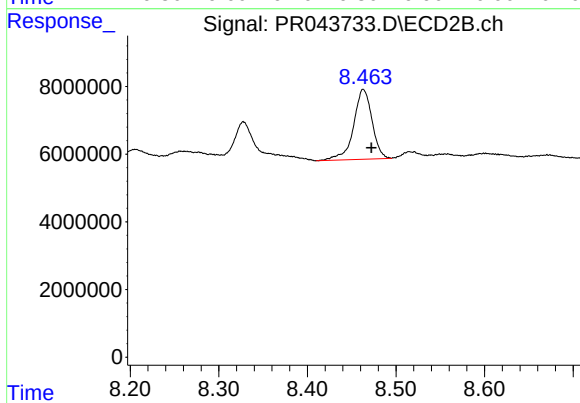
#43 AR-1268-3

R.T.: 8.162 min
Delta R.T.: -0.007 min
Response: 16236055
Conc: 10.55 ng/ml



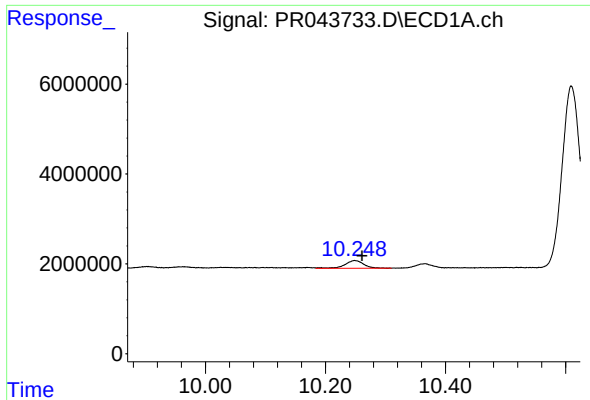
#44 AR-1268-4

R.T.: 9.806 min
Delta R.T.: -0.011 min
Response: 11488629
Conc: 56.23 ng/ml



#44 AR-1268-4

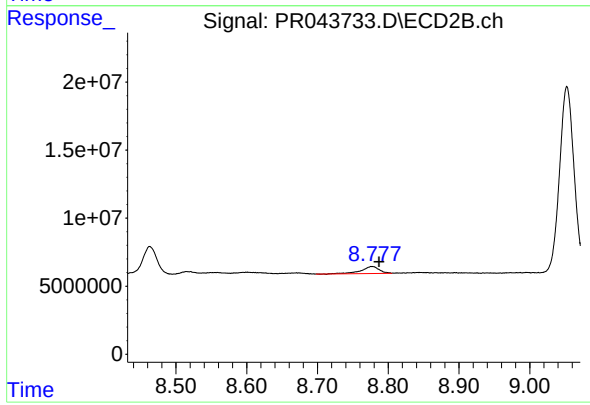
R.T.: 8.463 min
Delta R.T.: -0.009 min
Response: 29945157
Conc: 48.83 ng/ml



#45 AR-1268-5

R.T.: 10.249 min
Delta R.T.: -0.013 min
Response: 3684114
Conc: 2.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.777 min
Delta R.T.: -0.010 min
Response: 9026921
Conc: 2.13 ng/ml