

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR030123\
 Data File : PR059876.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2023 14:19
 Operator : YP\AJ
 Sample : 01693-17
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 23:45:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR022823CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 28 05:24:37 2023
 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...	3.689	2.905	53544430	73922623	15.894	16.302
2)	SA Decachlor...	9.663	8.139	70052141	100.8E6	29.725	27.880
Target Compounds							
3)	L1 AR-1016-1	4.932	4.009	17606499	22476693	187.404	163.743
4)	L1 AR-1016-2	4.932	4.009	17606499	22476693	130.518	109.991
5)	L1 AR-1016-3	5.035	4.203	2971099	1566891	34.057	14.911 #
6)	L1 AR-1016-4	5.088	4.261	26226621	1662132	378.232	19.356 #
7)	L1 AR-1016-5	5.444	4.477	-4122128	9585777	N.D.	85.678 #
8)	L2 AR-1221-1	0.000	3.122	0	247279	N.D.	5.069 #
9)	L2 AR-1221-2	4.004	3.205	829881	2584246	29.170	74.876 #
10)	L2 AR-1221-3	4.101	3.292	502187	1522862	5.684	13.137 #
11)	L3 AR-1232-1	4.101	3.292	502187	1522862	6.701	15.794 #
12)	L3 AR-1232-2	4.639	4.009	2234912	22476693	66.464	252.247 #
13)	L3 AR-1232-3	4.932	4.203	17606499	1566891	285.569	35.021 #
14)	L3 AR-1232-4	5.088	4.312	26226621	1676773	850.347	40.546 #
15)	L3 AR-1232-5	5.203	4.477	2957347	9585777	127.016	206.286 #
16)	L4 AR-1242-1	4.932	4.009	17606499	22476693	224.067	196.930
17)	L4 AR-1242-2	4.932	4.009	17606499	22476693	157.017	134.339
18)	L4 AR-1242-3	5.035	4.203	2971099	1566891	40.900	18.113 #
19)	L4 AR-1242-4	5.088	4.312	26226621	1676773	455.663	19.563 #
20)	L4 AR-1242-5	5.938	4.835	3220986	56273072	59.606	544.936 #
21)	L5 AR-1248-1	4.932	4.009	17606499	22476693	290.543	258.235
22)	L5 AR-1248-2	5.203	4.261	2957347	1662132	36.422	12.876 #
24)	L5 AR-1248-4	5.865	4.477	188.8E6	9585777	1964.256	60.747 #
25)	L5 AR-1248-5	5.938	4.872	3220986	10572348	34.713	74.196 #
26)	L6 AR-1254-1	5.815	4.835	32833586	56273072	327.564	241.976 #
27)	L6 AR-1254-2	6.076	5.011	39438855	20964038	259.749	104.415 #
28)	L6 AR-1254-3	6.485	5.423	35668051	6920950	229.536	21.599 #
29)	L6 AR-1254-4	6.773	5.668	13686203	5659496	124.221	31.552 #
30)	L6 AR-1254-5	7.274	6.114	23168666	28528336	188.853	103.166 #
31)	L7 AR-1260-1	6.653	5.575	10757657	122.9E6	87.445	537.396 #
32)	L7 AR-1260-2	6.922	5.790	103.7E6	179.8E6	738.401	668.485
33)	L7 AR-1260-3	7.345	5.917	2142609	6569394	19.782	25.934 #
34)	L7 AR-1260-4	7.570	6.419	3815091	8429784	30.927	40.078 #
35)	L7 AR-1260-5	7.917	6.692	2439662	8148743	10.603	17.144 #
36)	L8 AR-1262-1	7.345	6.154	2142609	17731958	13.951	58.020 #
37)	L8 AR-1262-2	7.917	6.419	2439662	8429784	9.404	31.008 #
38)	L8 AR-1262-3	8.224	6.969	2648350	11777544	14.099	57.430 #
39)	L8 AR-1262-4	8.317	7.062	1286752	6679008	8.870	17.426 #
40)	L8 AR-1262-5	8.950	7.606	1309235	2642146	12.443	15.613 #
41)	L9 AR-1268-1	8.224	6.969	2648350	11777544	5.989	13.404 #
42)	L9 AR-1268-2	8.317	7.062	1286752	6679008	3.217	8.468 #

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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	8.547	7.287	1033884	1338338	2.869	1.927 #
44) L9	AR-1268-4	8.950	7.606	1309235	2642146	8.302	9.969
45) L9	AR-1268-5	9.345	7.899	1959705	1918094	1.700	0.915 #

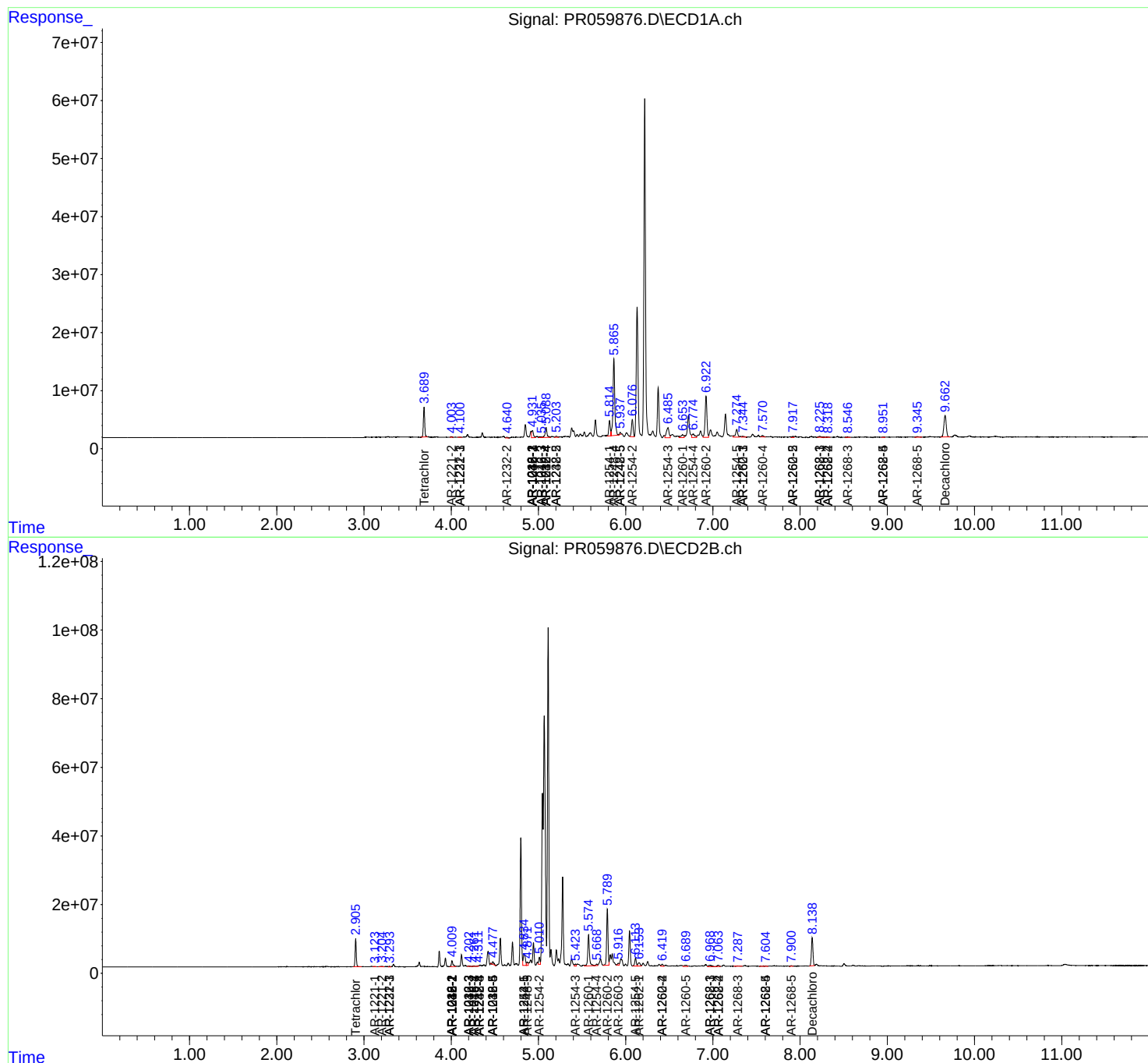
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

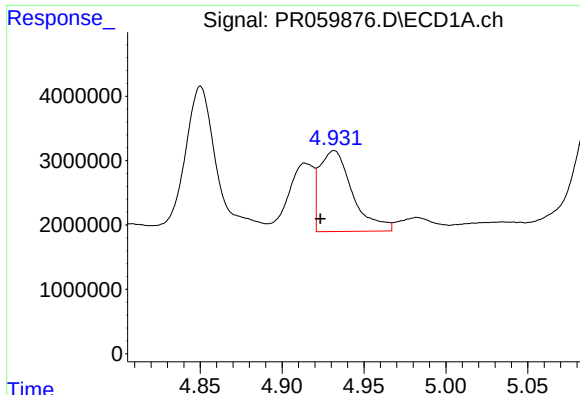
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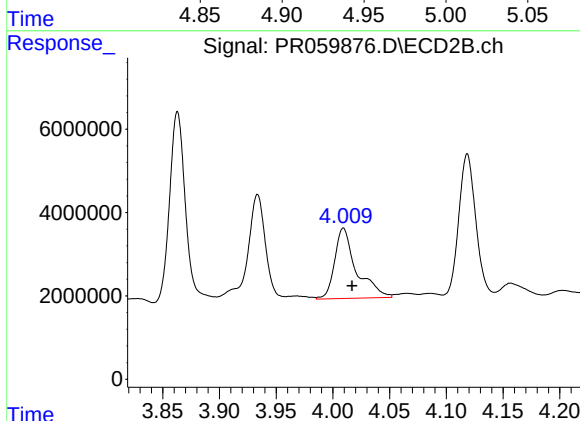




#3 AR-1016-1

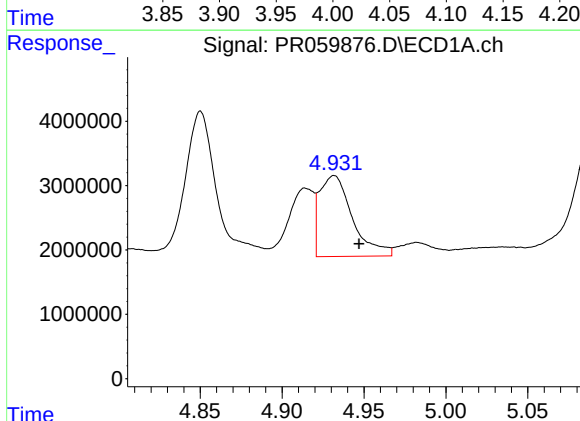
R.T.: 4.932 min
Delta R.T.: 0.008 min
Response: 17606499
Conc: 187.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



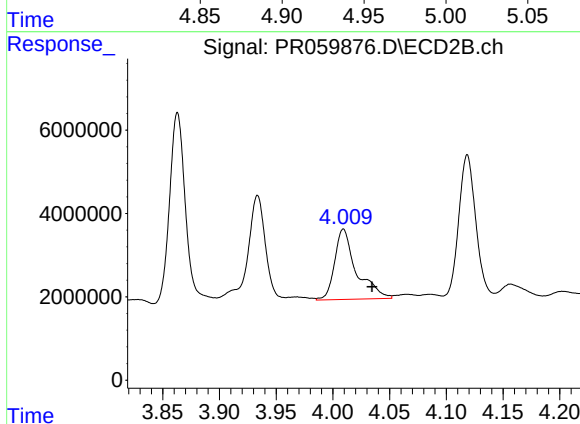
#3 AR-1016-1

R.T.: 4.009 min
Delta R.T.: -0.008 min
Response: 22476693
Conc: 163.74 ng/ml



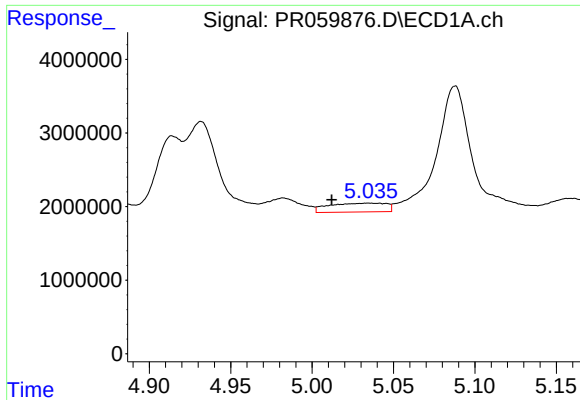
#4 AR-1016-2

R.T.: 4.932 min
Delta R.T.: -0.015 min
Response: 17606499
Conc: 130.52 ng/ml



#4 AR-1016-2

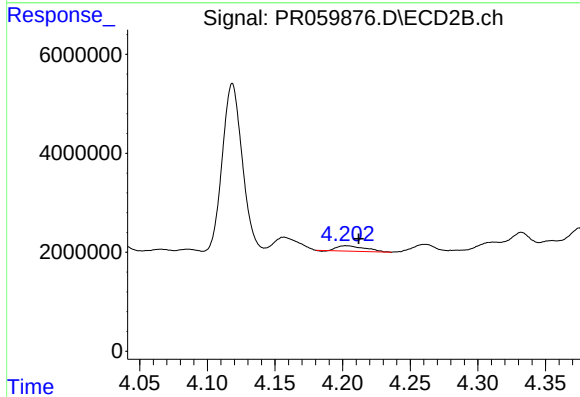
R.T.: 4.009 min
Delta R.T.: -0.025 min
Response: 22476693
Conc: 109.99 ng/ml



#5 AR-1016-3

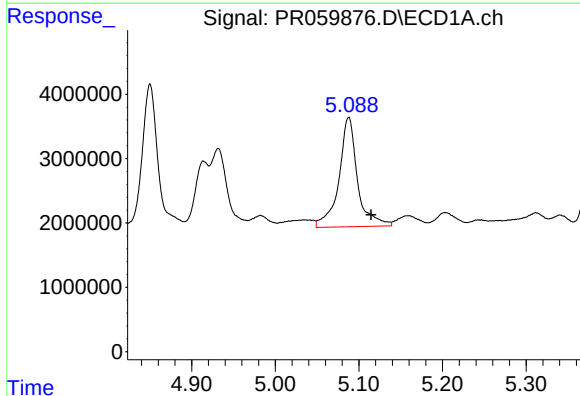
R.T.: 5.035 min
Delta R.T.: 0.023 min
Response: 2971099
Conc: 34.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



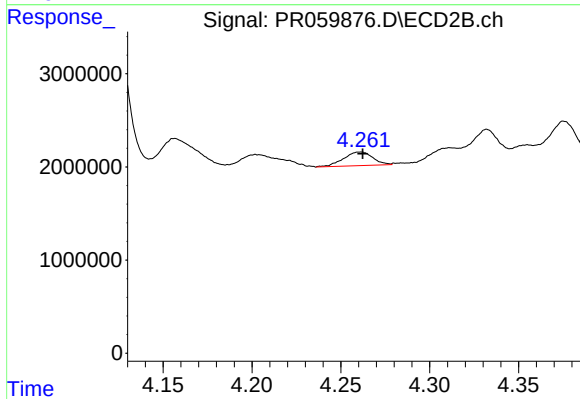
#5 AR-1016-3

R.T.: 4.203 min
Delta R.T.: -0.009 min
Response: 1566891
Conc: 14.91 ng/ml



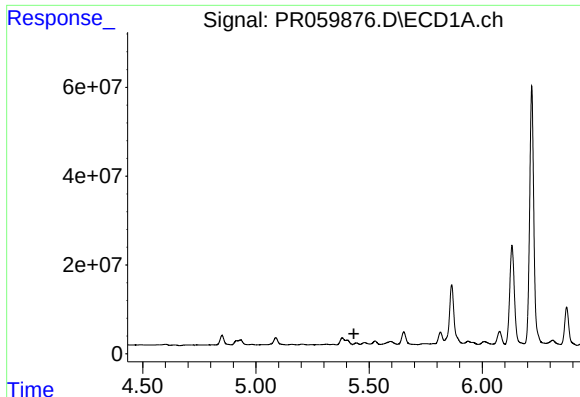
#6 AR-1016-4

R.T.: 5.088 min
Delta R.T.: -0.027 min
Response: 26226621
Conc: 378.23 ng/ml



#6 AR-1016-4

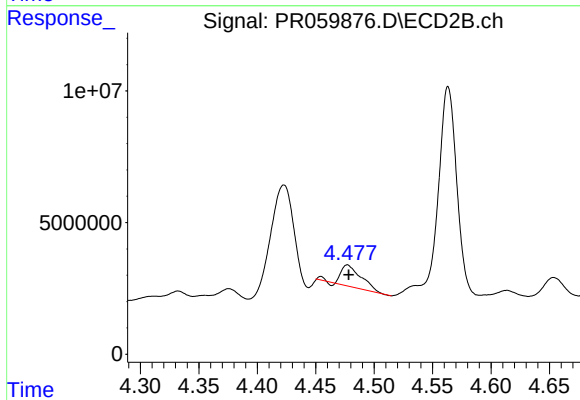
R.T.: 4.261 min
Delta R.T.: -0.001 min
Response: 1662132
Conc: 19.36 ng/ml



#7 AR-1016-5

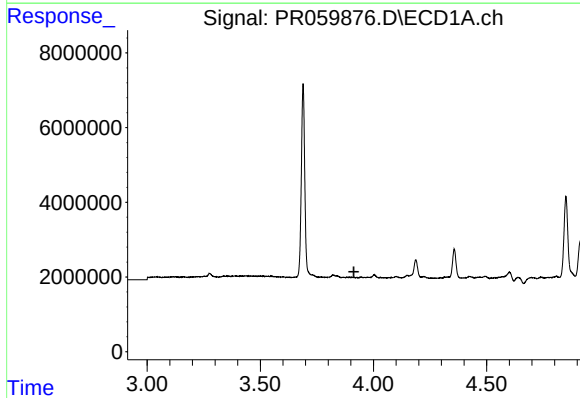
R.T.: 5.444 min
Delta R.T.: 0.011 min
Response: -4122128
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



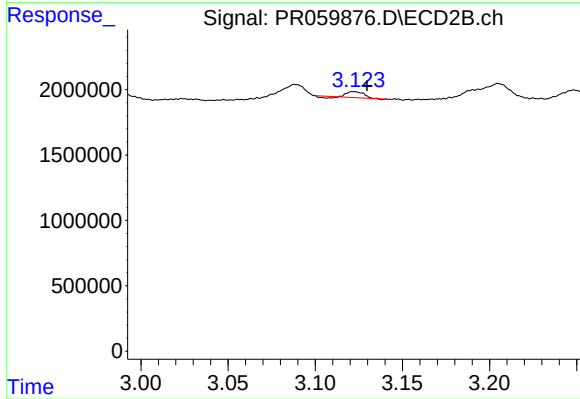
#7 AR-1016-5

R.T.: 4.477 min
Delta R.T.: 0.000 min
Response: 9585777
Conc: 85.68 ng/ml



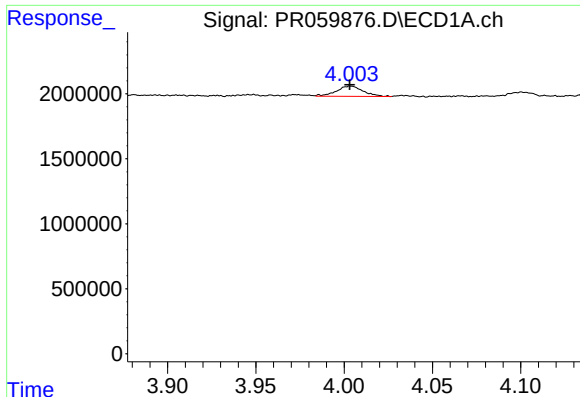
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.914 min
Response: 0
Conc: N.D.



#8 AR-1221-1

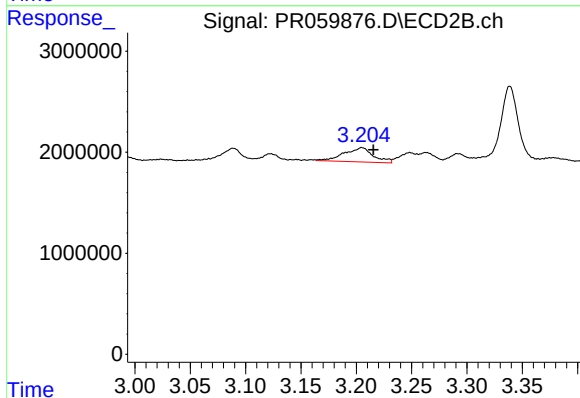
R.T.: 3.122 min
Delta R.T.: -0.007 min
Response: 247279
Conc: 5.07 ng/ml



#9 AR-1221-2

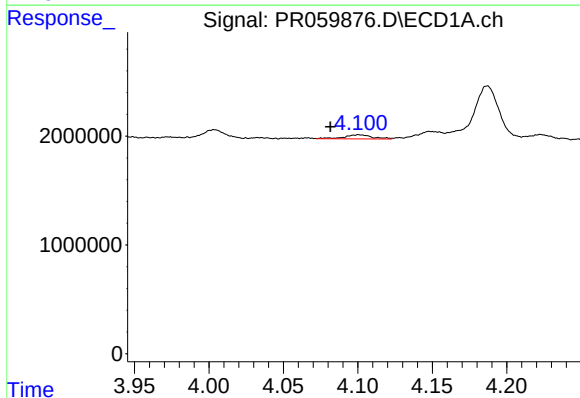
R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 829881
Conc: 29.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



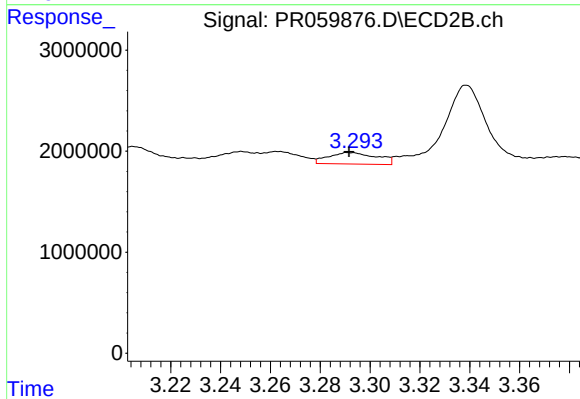
#9 AR-1221-2

R.T.: 3.205 min
Delta R.T.: -0.010 min
Response: 2584246
Conc: 74.88 ng/ml



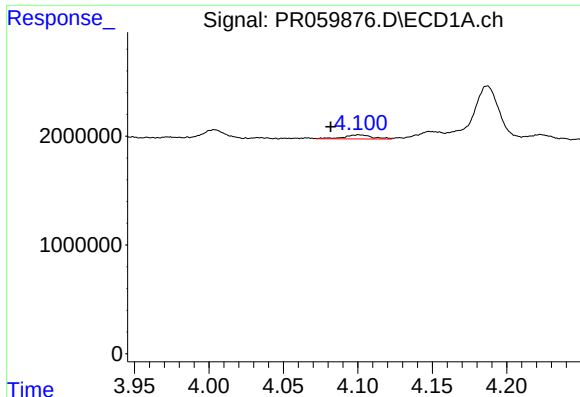
#10 AR-1221-3

R.T.: 4.101 min
Delta R.T.: 0.019 min
Response: 502187
Conc: 5.68 ng/ml



#10 AR-1221-3

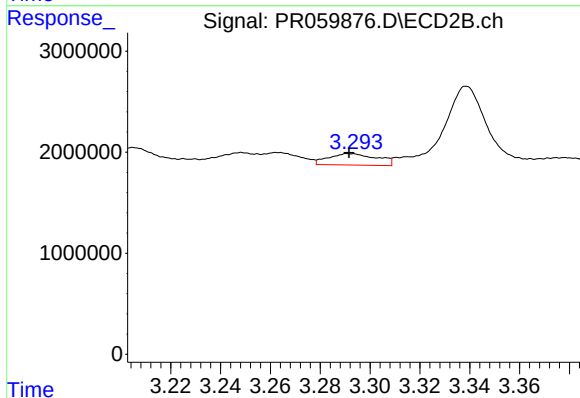
R.T.: 3.292 min
Delta R.T.: 0.000 min
Response: 1522862
Conc: 13.14 ng/ml



#11 AR-1232-1

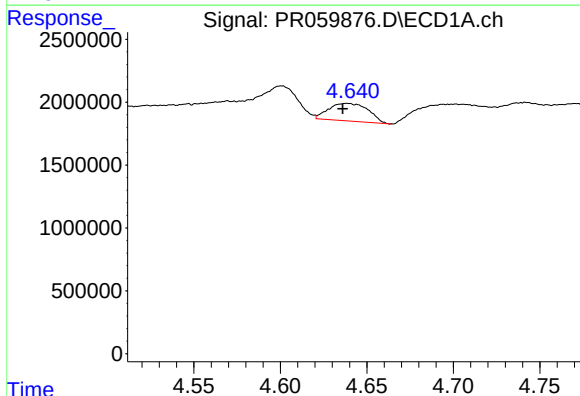
R.T.: 4.101 min
Delta R.T.: 0.019 min
Response: 502187
Conc: 6.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



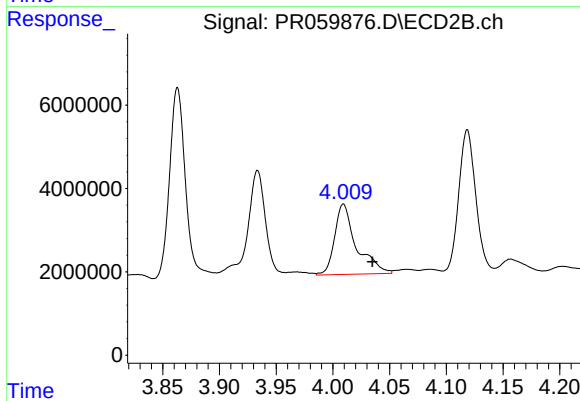
#11 AR-1232-1

R.T.: 3.292 min
Delta R.T.: 0.000 min
Response: 1522862
Conc: 15.79 ng/ml



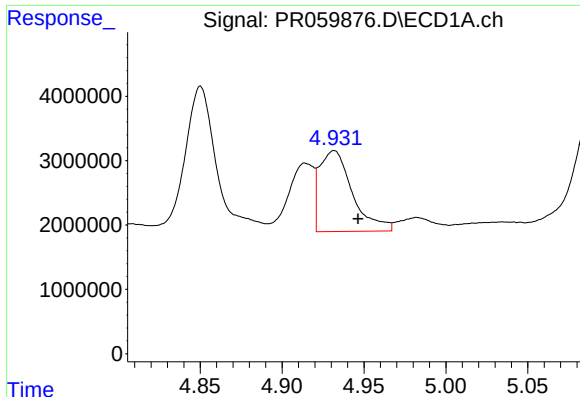
#12 AR-1232-2

R.T.: 4.639 min
Delta R.T.: 0.003 min
Response: 2234912
Conc: 66.46 ng/ml



#12 AR-1232-2

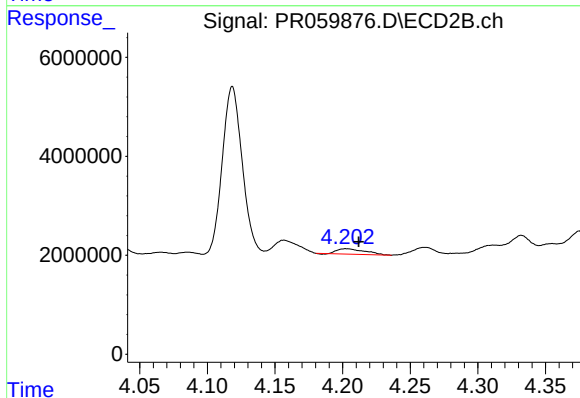
R.T.: 4.009 min
Delta R.T.: -0.025 min
Response: 22476693
Conc: 252.25 ng/ml



#13 AR-1232-3

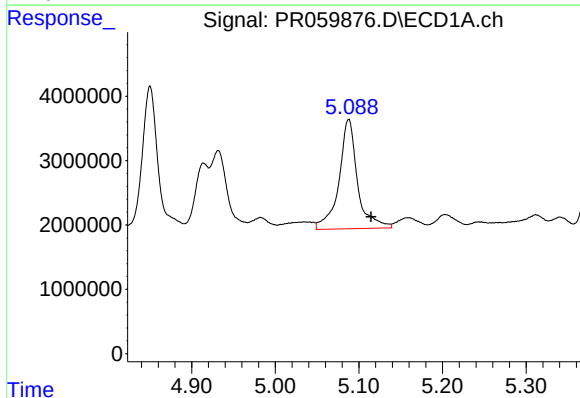
R.T.: 4.932 min
Delta R.T.: -0.015 min
Response: 17606499
Conc: 285.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



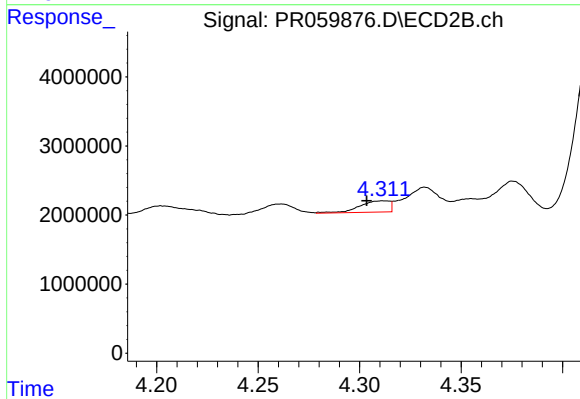
#13 AR-1232-3

R.T.: 4.203 min
Delta R.T.: -0.009 min
Response: 1566891
Conc: 35.02 ng/ml



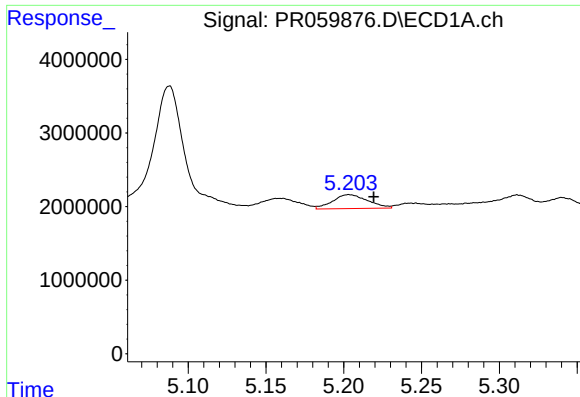
#14 AR-1232-4

R.T.: 5.088 min
Delta R.T.: -0.027 min
Response: 26226621
Conc: 850.35 ng/ml



#14 AR-1232-4

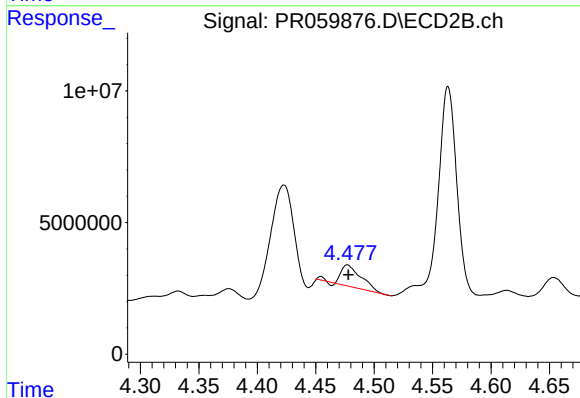
R.T.: 4.312 min
Delta R.T.: 0.008 min
Response: 1676773
Conc: 40.55 ng/ml



#15 AR-1232-5

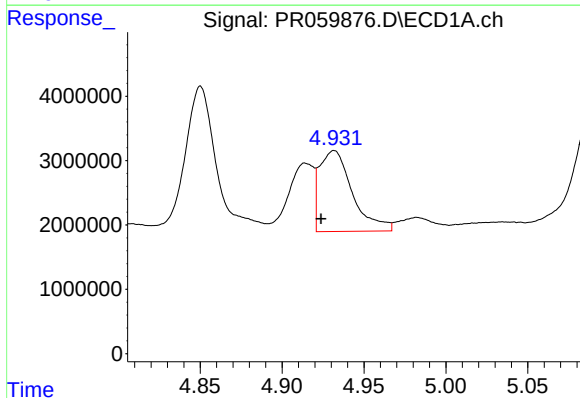
R.T.: 5.203 min
Delta R.T.: -0.016 min
Response: 2957347
Conc: 127.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



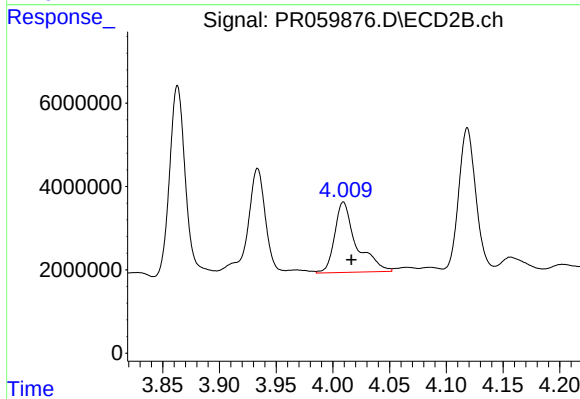
#15 AR-1232-5

R.T.: 4.477 min
Delta R.T.: 0.000 min
Response: 9585777
Conc: 206.29 ng/ml



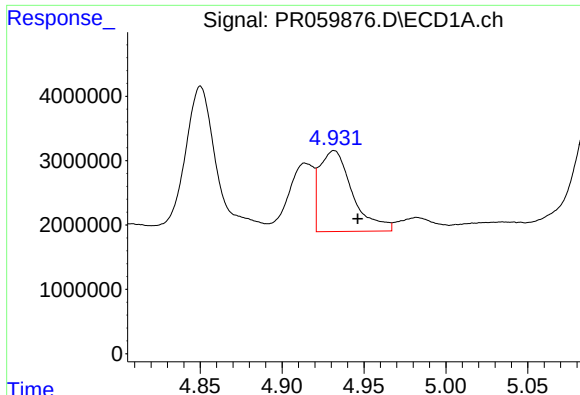
#16 AR-1242-1

R.T.: 4.932 min
Delta R.T.: 0.008 min
Response: 17606499
Conc: 224.07 ng/ml



#16 AR-1242-1

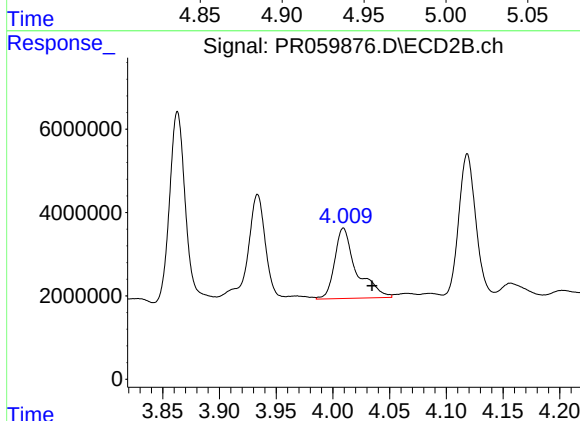
R.T.: 4.009 min
Delta R.T.: -0.007 min
Response: 22476693
Conc: 196.93 ng/ml



#17 AR-1242-2

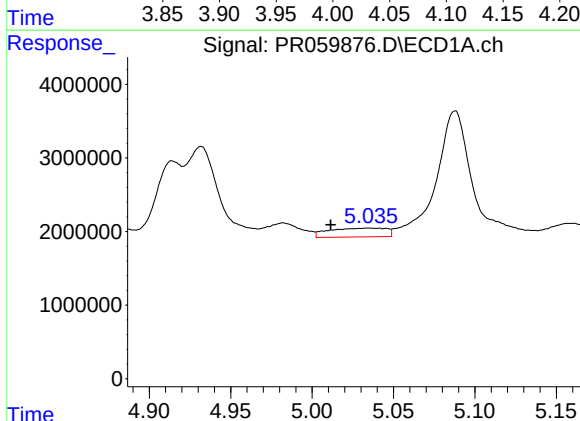
R.T.: 4.932 min
Delta R.T.: -0.014 min
Response: 17606499
Conc: 157.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



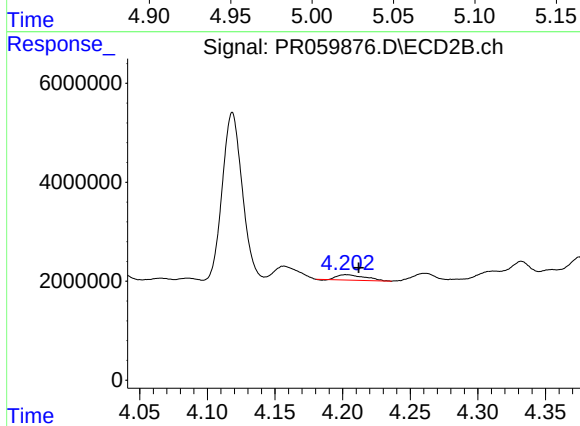
#17 AR-1242-2

R.T.: 4.009 min
Delta R.T.: -0.025 min
Response: 22476693
Conc: 134.34 ng/ml



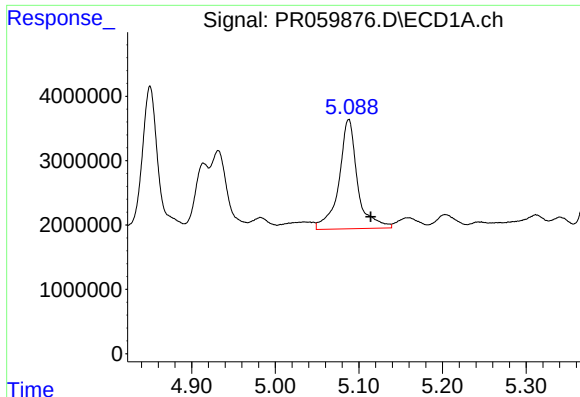
#18 AR-1242-3

R.T.: 5.035 min
Delta R.T.: 0.023 min
Response: 2971099
Conc: 40.90 ng/ml



#18 AR-1242-3

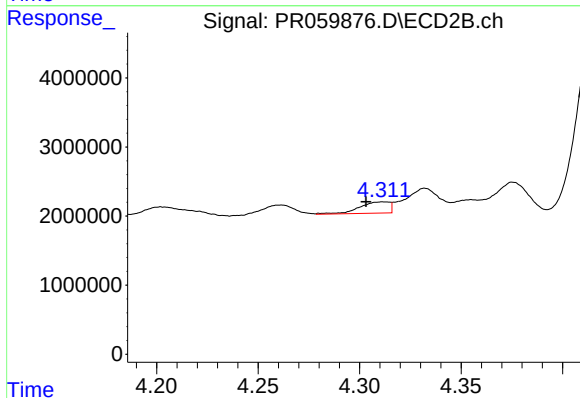
R.T.: 4.203 min
Delta R.T.: -0.009 min
Response: 1566891
Conc: 18.11 ng/ml



#19 AR-1242-4

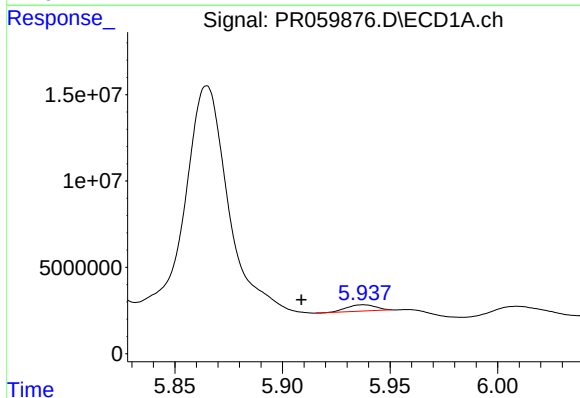
R.T.: 5.088 min
Delta R.T.: -0.026 min
Response: 26226621
Conc: 455.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



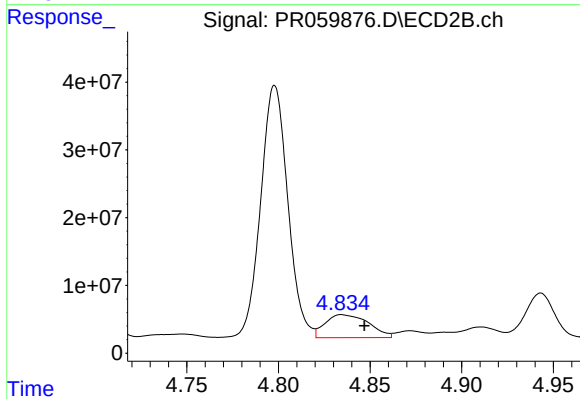
#19 AR-1242-4

R.T.: 4.312 min
Delta R.T.: 0.009 min
Response: 1676773
Conc: 19.56 ng/ml



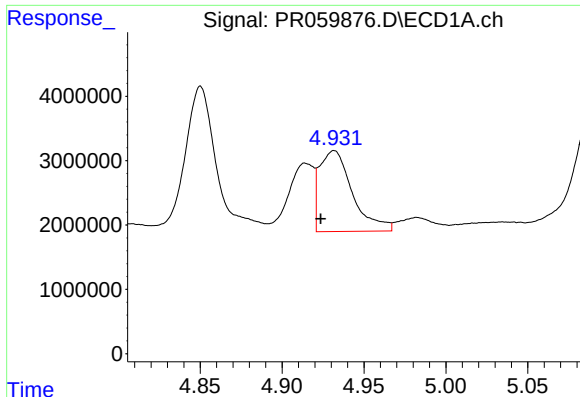
#20 AR-1242-5

R.T.: 5.938 min
Delta R.T.: 0.029 min
Response: 3220986
Conc: 59.61 ng/ml



#20 AR-1242-5

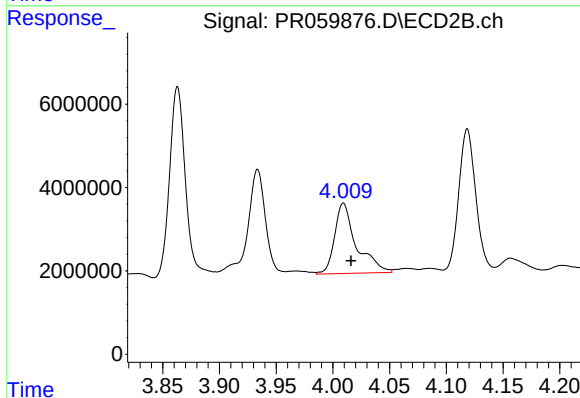
R.T.: 4.835 min
Delta R.T.: -0.012 min
Response: 56273072
Conc: 544.94 ng/ml



#21 AR-1248-1

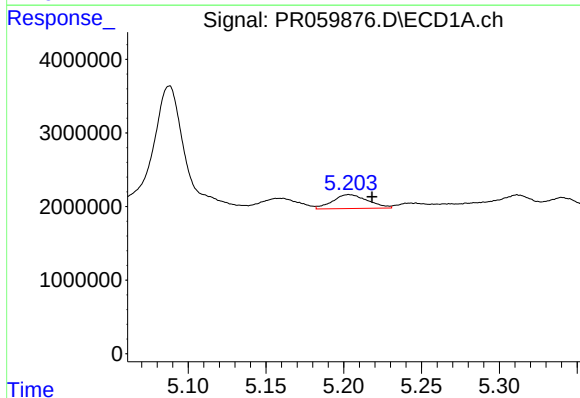
R.T.: 4.932 min
Delta R.T.: 0.008 min
Response: 17606499
Conc: 290.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



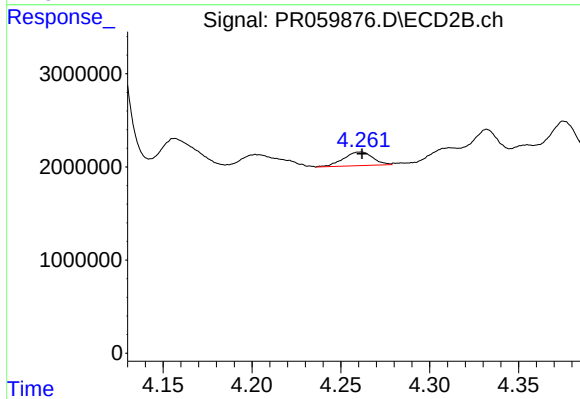
#21 AR-1248-1

R.T.: 4.009 min
Delta R.T.: -0.007 min
Response: 22476693
Conc: 258.24 ng/ml



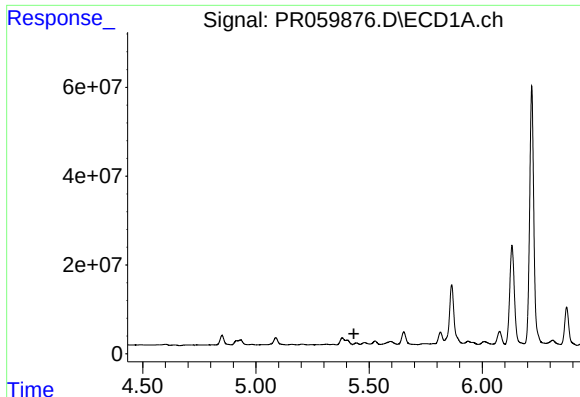
#22 AR-1248-2

R.T.: 5.203 min
Delta R.T.: -0.015 min
Response: 2957347
Conc: 36.42 ng/ml



#22 AR-1248-2

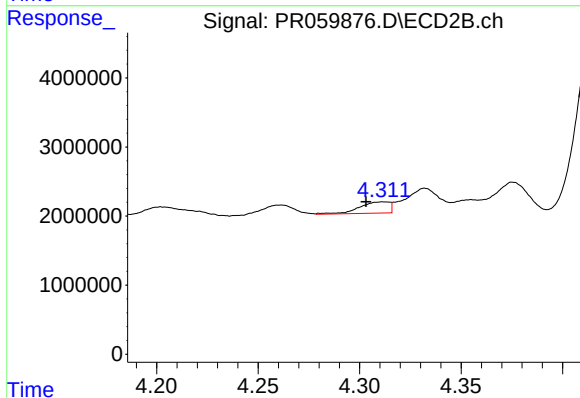
R.T.: 4.261 min
Delta R.T.: 0.000 min
Response: 1662132
Conc: 12.88 ng/ml



#23 AR-1248-3

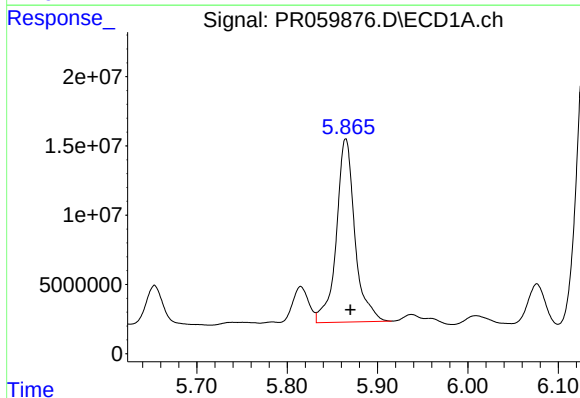
R.T.: 5.444 min
Delta R.T.: 0.011 min
Response: -4122128
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



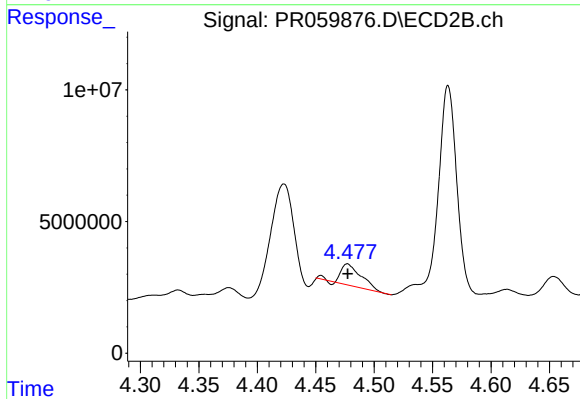
#23 AR-1248-3

R.T.: 4.312 min
Delta R.T.: 0.009 min
Response: 1676773
Conc: 12.90 ng/ml



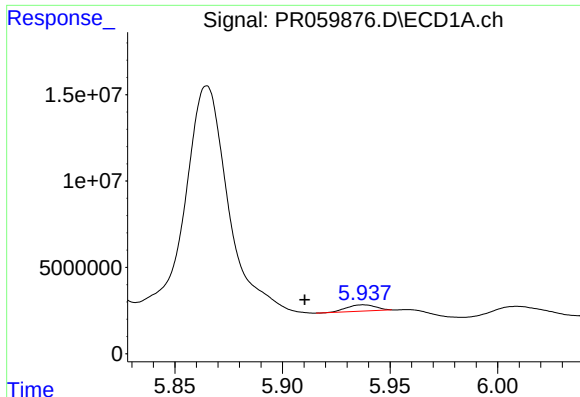
#24 AR-1248-4

R.T.: 5.865 min
Delta R.T.: -0.005 min
Response: 188786254
Conc: 1964.26 ng/ml



#24 AR-1248-4

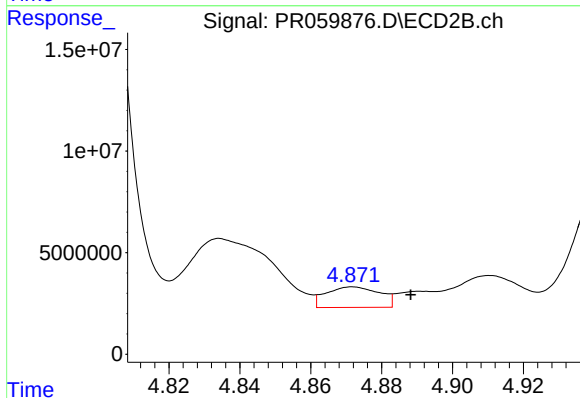
R.T.: 4.477 min
Delta R.T.: 0.000 min
Response: 9585777
Conc: 60.75 ng/ml



#25 AR-1248-5

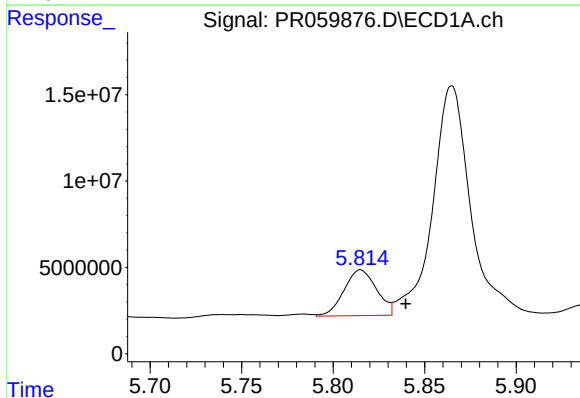
R.T.: 5.938 min
Delta R.T.: 0.027 min
Response: 3220986
Conc: 34.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



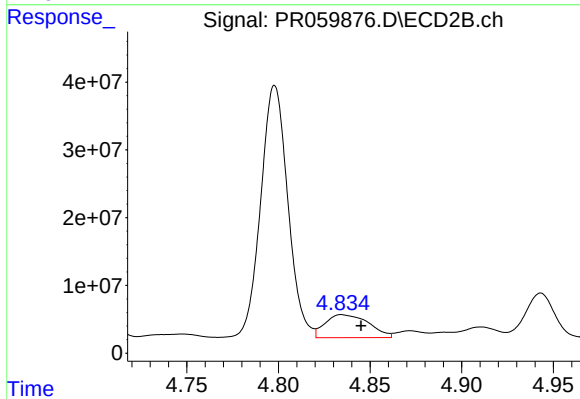
#25 AR-1248-5

R.T.: 4.872 min
Delta R.T.: -0.016 min
Response: 10572348
Conc: 74.20 ng/ml



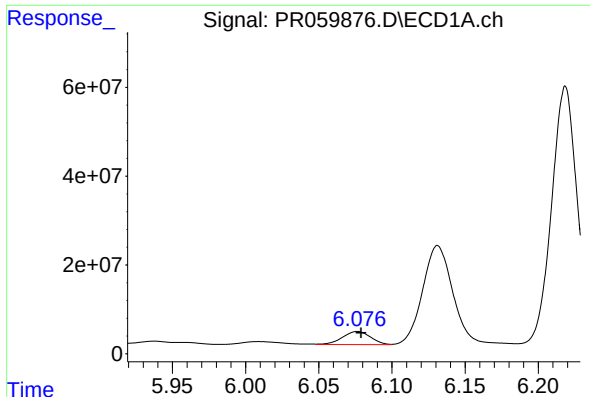
#26 AR-1254-1

R.T.: 5.815 min
Delta R.T.: -0.025 min
Response: 32833586
Conc: 327.56 ng/ml



#26 AR-1254-1

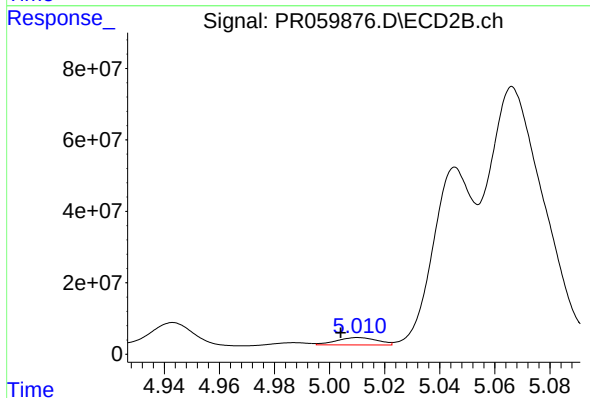
R.T.: 4.835 min
Delta R.T.: -0.011 min
Response: 56273072
Conc: 241.98 ng/ml



#27 AR-1254-2

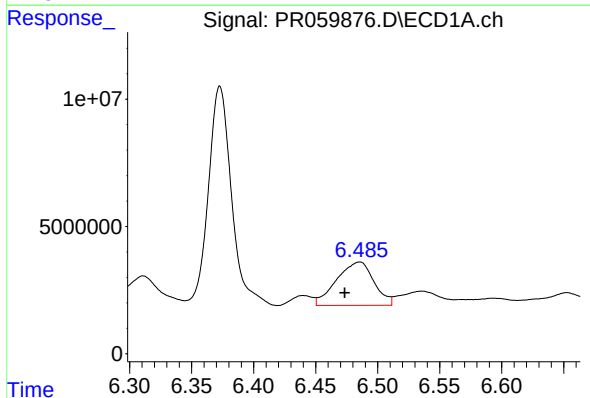
R.T.: 6.076 min
Delta R.T.: -0.003 min
Response: 39438855
Conc: 259.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



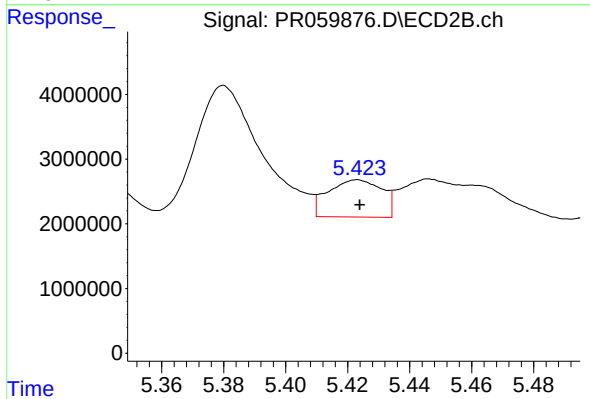
#27 AR-1254-2

R.T.: 5.011 min
Delta R.T.: 0.006 min
Response: 20964038
Conc: 104.41 ng/ml



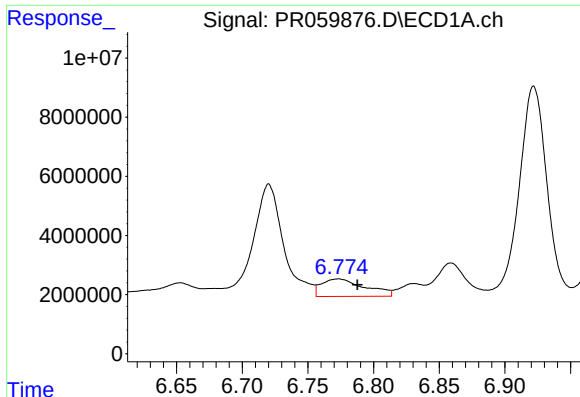
#28 AR-1254-3

R.T.: 6.485 min
Delta R.T.: 0.012 min
Response: 35668051
Conc: 229.54 ng/ml



#28 AR-1254-3

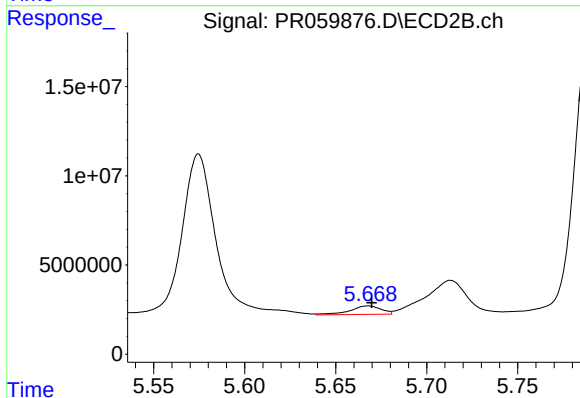
R.T.: 5.423 min
Delta R.T.: 0.000 min
Response: 6920950
Conc: 21.60 ng/ml



#29 AR-1254-4

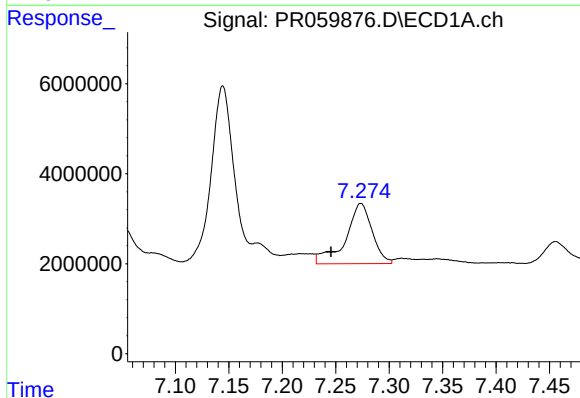
R.T.: 6.773 min
Delta R.T.: -0.014 min
Response: 13686203
Conc: 124.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



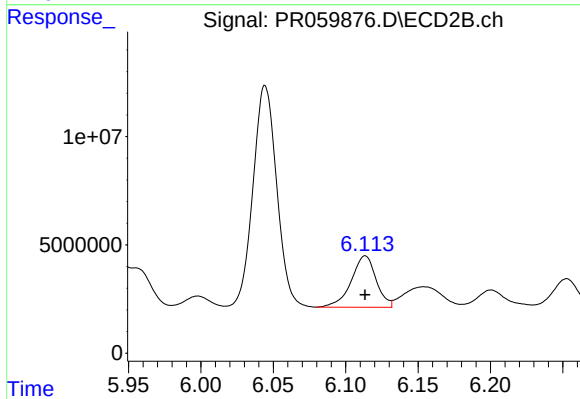
#29 AR-1254-4

R.T.: 5.668 min
Delta R.T.: -0.002 min
Response: 5659496
Conc: 31.55 ng/ml



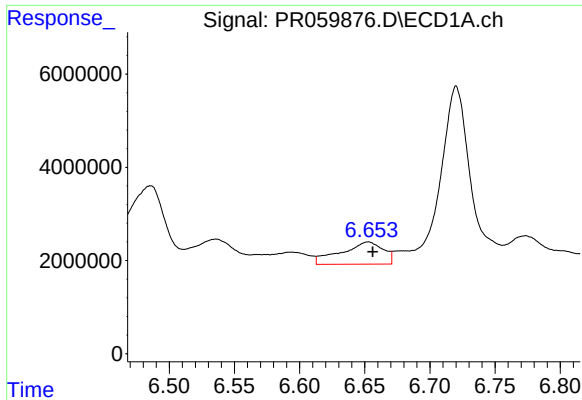
#30 AR-1254-5

R.T.: 7.274 min
Delta R.T.: 0.028 min
Response: 23168666
Conc: 188.85 ng/ml



#30 AR-1254-5

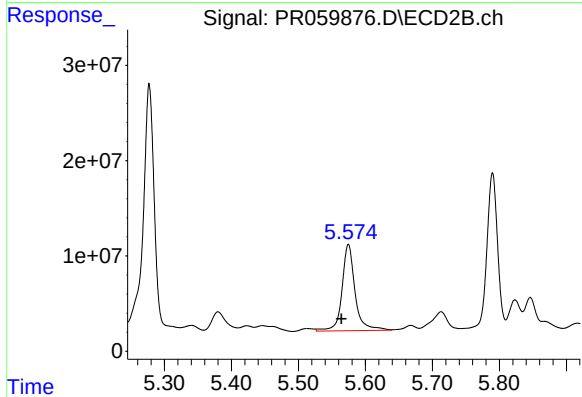
R.T.: 6.114 min
Delta R.T.: 0.000 min
Response: 28528336
Conc: 103.17 ng/ml



#31 AR-1260-1

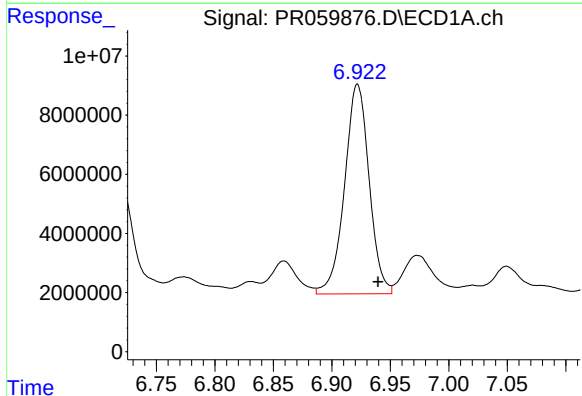
R.T.: 6.653 min
Delta R.T.: -0.003 min
Response: 10757657
Conc: 87.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



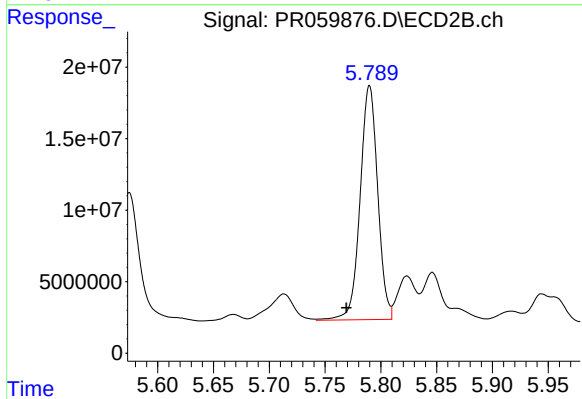
#31 AR-1260-1

R.T.: 5.575 min
Delta R.T.: 0.011 min
Response: 122900301
Conc: 537.40 ng/ml



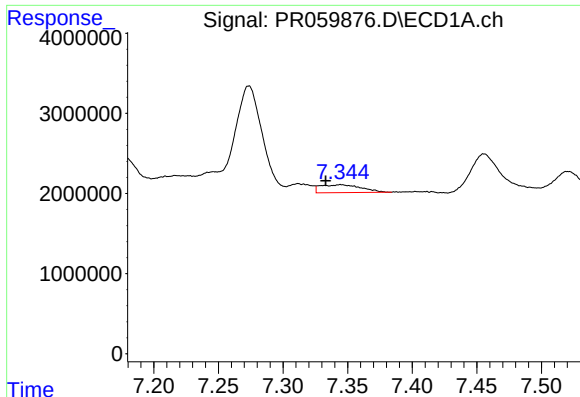
#32 AR-1260-2

R.T.: 6.922 min
Delta R.T.: -0.018 min
Response: 103738102
Conc: 738.40 ng/ml



#32 AR-1260-2

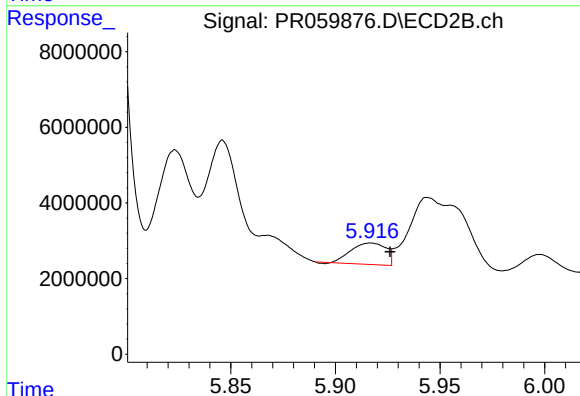
R.T.: 5.790 min
Delta R.T.: 0.021 min
Response: 179815939
Conc: 668.48 ng/ml



#33 AR-1260-3

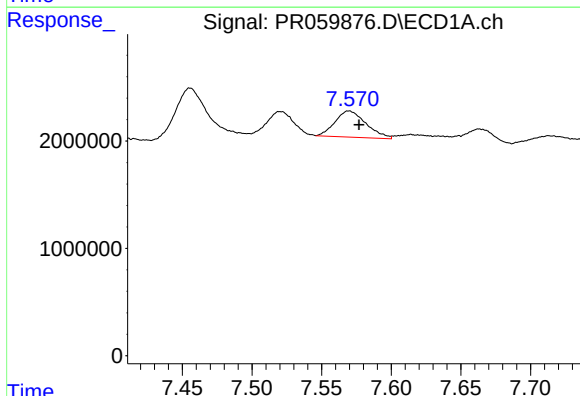
R.T.: 7.345 min
Delta R.T.: 0.011 min
Response: 2142609
Conc: 19.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



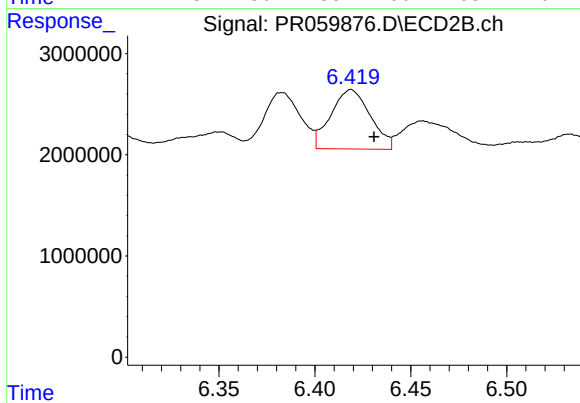
#33 AR-1260-3

R.T.: 5.917 min
Delta R.T.: -0.009 min
Response: 6569394
Conc: 25.93 ng/ml



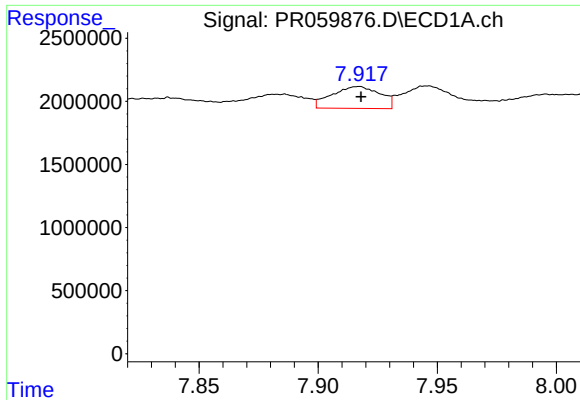
#34 AR-1260-4

R.T.: 7.570 min
Delta R.T.: -0.007 min
Response: 3815091
Conc: 30.93 ng/ml



#34 AR-1260-4

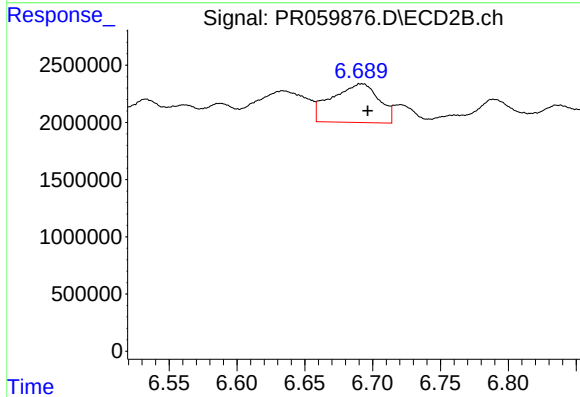
R.T.: 6.419 min
Delta R.T.: -0.012 min
Response: 8429784
Conc: 40.08 ng/ml



#35 AR-1260-5

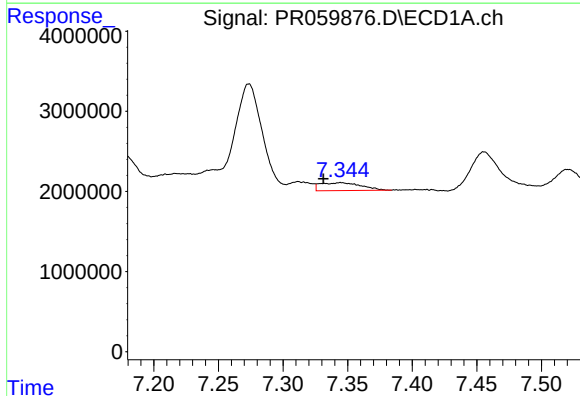
R.T.: 7.917 min
Delta R.T.: -0.001 min
Response: 2439662
Conc: 10.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



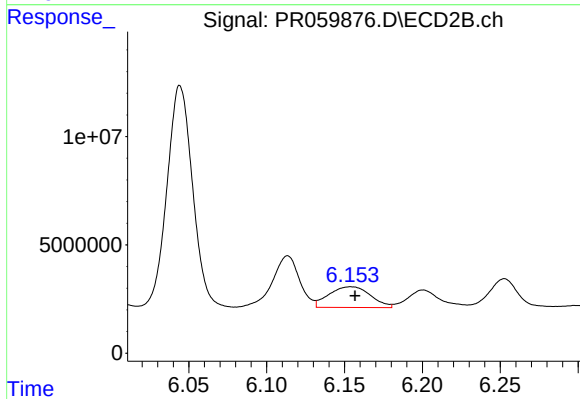
#35 AR-1260-5

R.T.: 6.692 min
Delta R.T.: -0.004 min
Response: 8148743
Conc: 17.14 ng/ml



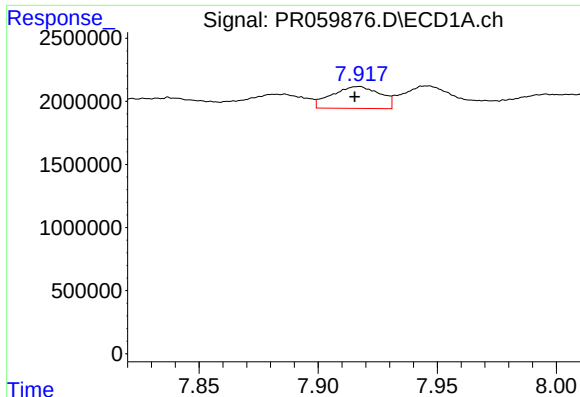
#36 AR-1262-1

R.T.: 7.345 min
Delta R.T.: 0.013 min
Response: 2142609
Conc: 13.95 ng/ml



#36 AR-1262-1

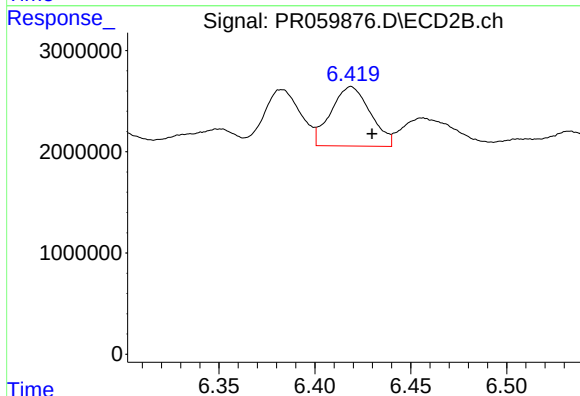
R.T.: 6.154 min
Delta R.T.: -0.002 min
Response: 17731958
Conc: 58.02 ng/ml



#37 AR-1262-2

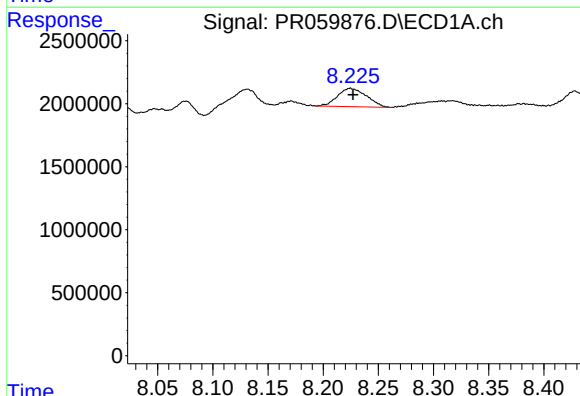
R.T.: 7.917 min
Delta R.T.: 0.001 min
Response: 2439662
Conc: 9.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



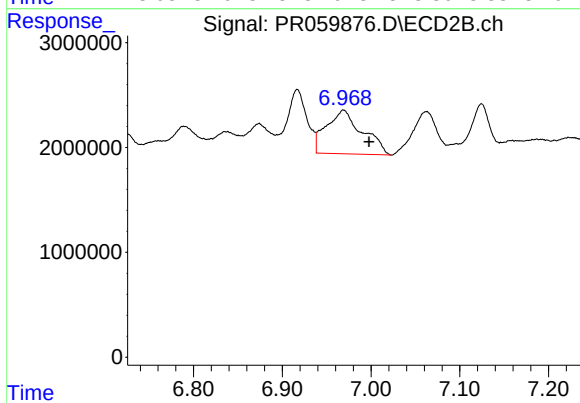
#37 AR-1262-2

R.T.: 6.419 min
Delta R.T.: -0.011 min
Response: 8429784
Conc: 31.01 ng/ml



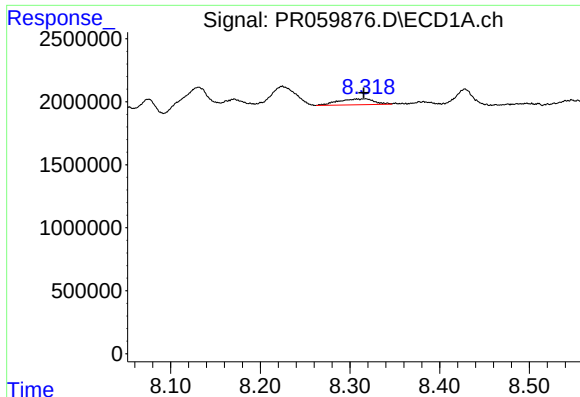
#38 AR-1262-3

R.T.: 8.224 min
Delta R.T.: -0.003 min
Response: 2648350
Conc: 14.10 ng/ml



#38 AR-1262-3

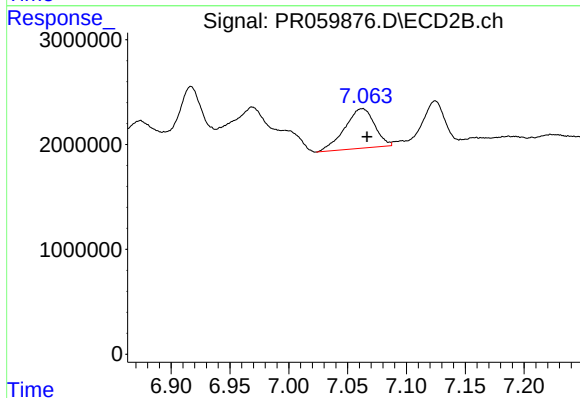
R.T.: 6.969 min
Delta R.T.: -0.029 min
Response: 11777544
Conc: 57.43 ng/ml



#39 AR-1262-4

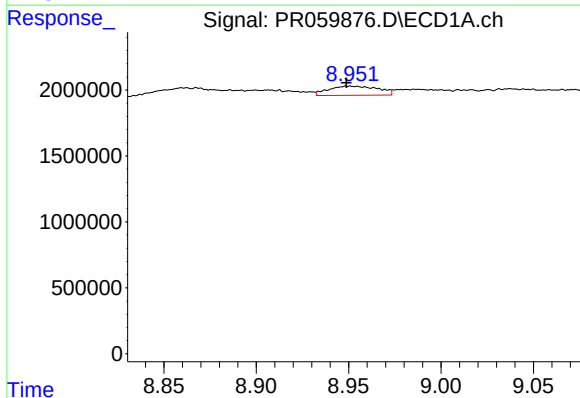
R.T.: 8.317 min
Delta R.T.: 0.001 min
Response: 1286752
Conc: 8.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



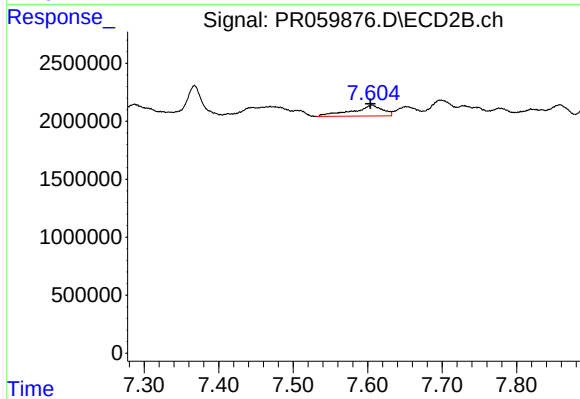
#39 AR-1262-4

R.T.: 7.062 min
Delta R.T.: -0.004 min
Response: 6679008
Conc: 17.43 ng/ml



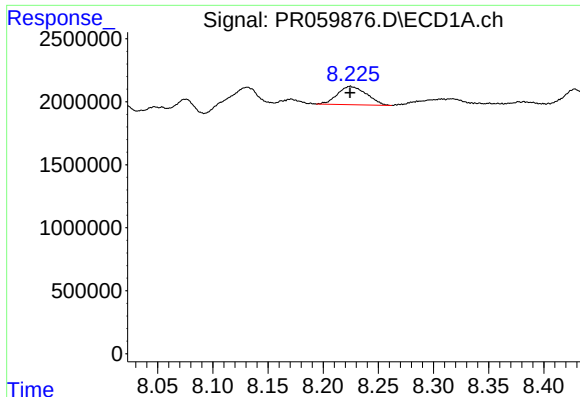
#40 AR-1262-5

R.T.: 8.950 min
Delta R.T.: 0.002 min
Response: 1309235
Conc: 12.44 ng/ml



#40 AR-1262-5

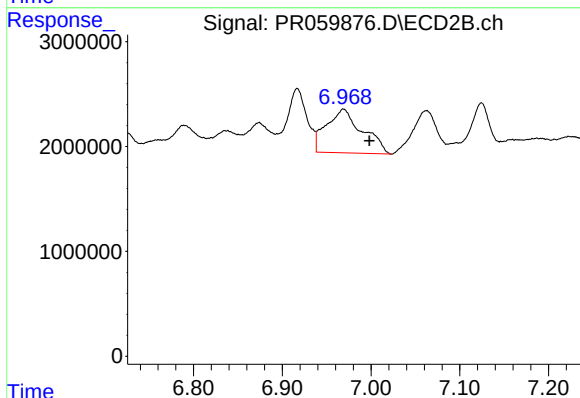
R.T.: 7.606 min
Delta R.T.: 0.002 min
Response: 2642146
Conc: 15.61 ng/ml



#41 AR-1268-1

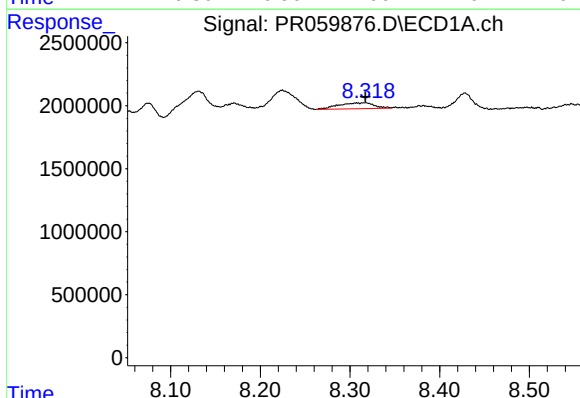
R.T.: 8.224 min
Delta R.T.: 0.000 min
Response: 2648350
Conc: 5.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



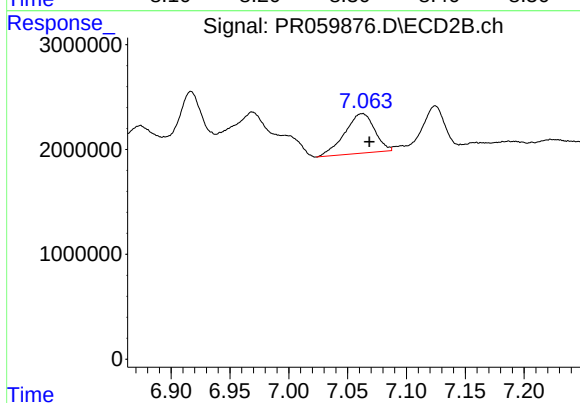
#41 AR-1268-1

R.T.: 6.969 min
Delta R.T.: -0.029 min
Response: 11777544
Conc: 13.40 ng/ml



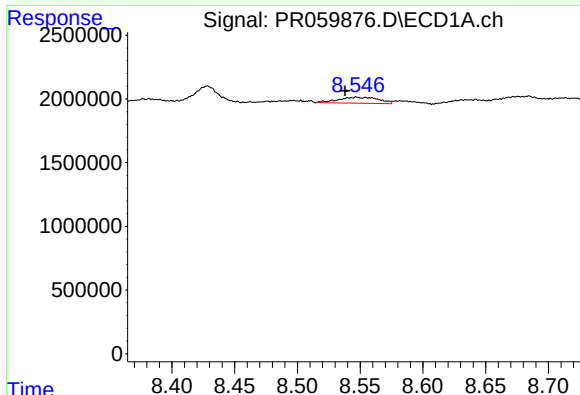
#42 AR-1268-2

R.T.: 8.317 min
Delta R.T.: 0.000 min
Response: 1286752
Conc: 3.22 ng/ml



#42 AR-1268-2

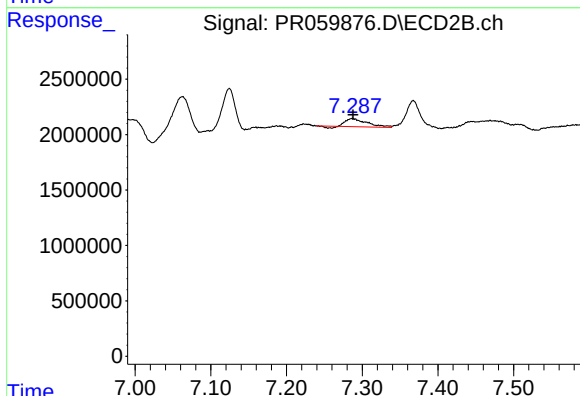
R.T.: 7.062 min
Delta R.T.: -0.006 min
Response: 6679008
Conc: 8.47 ng/ml



#43 AR-1268-3

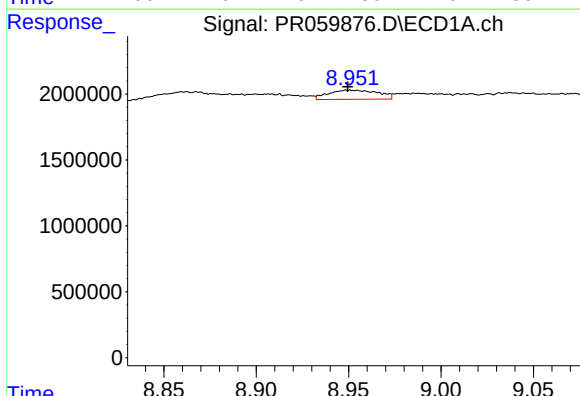
R.T.: 8.547 min
Delta R.T.: 0.009 min
Response: 1033884
Conc: 2.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



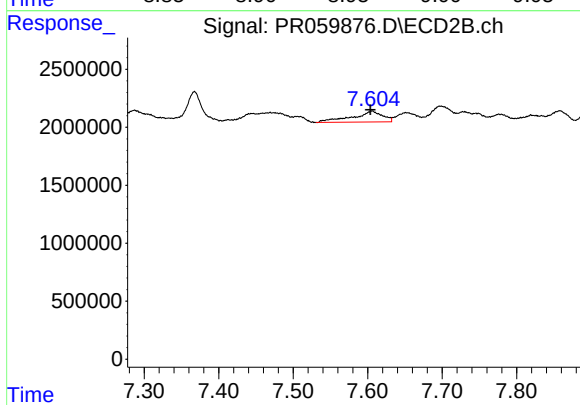
#43 AR-1268-3

R.T.: 7.287 min
Delta R.T.: 0.000 min
Response: 1338338
Conc: 1.93 ng/ml



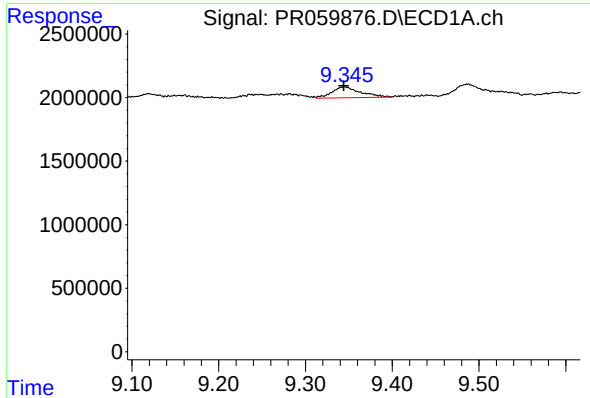
#44 AR-1268-4

R.T.: 8.950 min
Delta R.T.: 0.000 min
Response: 1309235
Conc: 8.30 ng/ml



#44 AR-1268-4

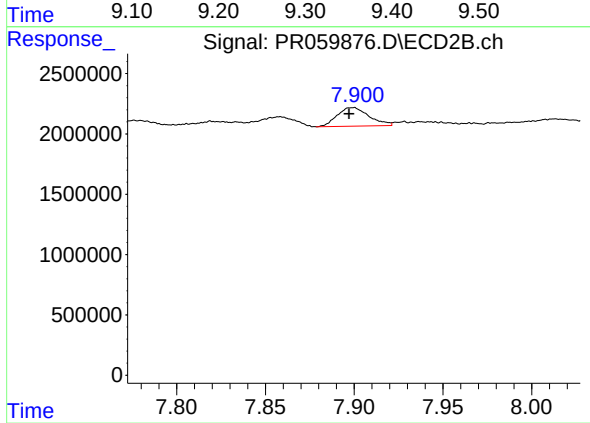
R.T.: 7.606 min
Delta R.T.: 0.002 min
Response: 2642146
Conc: 9.97 ng/ml



#45 AR-1268-5

R.T.: 9.345 min
Delta R.T.: 0.000 min
Response: 1959705
Conc: 1.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.899 min
Delta R.T.: 0.002 min
Response: 1918094
Conc: 0.91 ng/ml