

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR060324\
 Data File : PR067326.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jun 2024 22:22
 Operator : AJ\MA
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR16603334

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 03:37:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR052124CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 22 04:28:16 2024
 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...	3.648	2.888	128.1E6	89398740	20.880	19.201
2) SA Decachlor...	9.523	8.108	48508167	81839902	37.358	36.758
Target Compounds						
3) L1 AR-1016-1	4.867	3.996	67451358	60122817	420.531	400.503
4) L1 AR-1016-2	4.889	4.013	110.6E6	90879065	430.588	410.127
5) L1 AR-1016-3	4.953	4.192	74060026	49594740	430.243	402.541
6) L1 AR-1016-4	5.055	4.242	56975792	40974544	429.562	392.325
7) L1 AR-1016-5	5.369	4.457	55301058	52294049	409.750	394.835
8) L2 AR-1221-1	3.867	3.111	8580962	6356480	131.510	114.463
9) L2 AR-1221-2	3.958	3.197	10736486	8424576	230.030	210.466
10) L2 AR-1221-3	4.035	3.273	45056099	35419816	298.645	280.695
11) L3 AR-1232-1	4.035	3.273	45056099	35419816	355.103	330.962
12) L3 AR-1232-2	4.583	4.013	62015971	90879065	872.845	877.178
13) L3 AR-1232-3	4.889	4.192	110.6E6	49594740	967.546	896.859
14) L3 AR-1232-4	5.055	4.283	56975792	48030955	984.509	939.553
15) L3 AR-1232-5	5.157	4.457	46945095	52294049	1054.862	944.148
16) L4 AR-1242-1	4.867	3.996	67451358	60122817	546.843	506.139
17) L4 AR-1242-2	4.889	4.013	110.6E6	90879065	562.533	512.368
18) L4 AR-1242-3	4.953	4.192	74060026	49594740	552.120	504.932
19) L4 AR-1242-4	5.055	4.283	56975792	48030955	550.725	484.915
20) L4 AR-1242-5	5.841	4.825	26174424	51412872	248.788	436.353 #
21) L5 AR-1248-1	4.867	3.996	67451358	60122817	742.257	664.889
22) L5 AR-1248-2	5.157	4.242	46945095	40974544	315.360	293.183
23) L5 AR-1248-3	5.369	4.283	55301058	48030955	323.771	343.466
24) L5 AR-1248-4	5.800	4.457	21284595	52294049	134.979	312.123 #
25) L5 AR-1248-5	5.841	4.867	26174424	12870118	146.979	83.303 #
26) L6 AR-1254-1	5.770	4.825	52655875	51412872	276.224	210.477
27) L6 AR-1254-2	6.008	4.983	45752478	37622323	163.007	173.796
28) L6 AR-1254-3	6.398	5.421	17468067	69817523	65.168	205.277 #
29) L6 AR-1254-4	6.706	5.647	10891911	5565685	67.610	28.362 #
30) L6 AR-1254-5	7.159	6.089	115.2E6	132.9E6	600.065	431.373 #
31) L7 AR-1260-1	6.577	5.541	97878408	104.2E6	401.399	399.764
32) L7 AR-1260-2	6.858	5.745	105.8E6	125.7E6	408.658	410.019
33) L7 AR-1260-3	7.246	5.902	79653508	116.6E6	400.873	397.680
34) L7 AR-1260-4	7.488	6.405	84543071	97183451	404.738	388.676
35) L7 AR-1260-5	7.825	6.670	143.0E6	218.8E6	417.838	400.860
36) L8 AR-1262-1	7.246	6.133	79653508	104.4E6	307.808	314.920
37) L8 AR-1262-2	7.825	6.670	143.0E6	218.8E6	412.370	393.171
38) L8 AR-1262-3	8.136	6.973	84774889	49072361	371.695	205.609 #
39) L8 AR-1262-4	8.214	7.039	23989701	157.3E6	132.908	368.617 #
40) L8 AR-1262-5	8.835	7.577	29472832	53189114	287.719	271.547
41) L9 AR-1268-1	8.136	6.973	84774889	49072361	204.349	73.746 #

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Integration File signal 1: autoint1.e
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 Quant Time: Jun 04 03:37:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR052124CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 22 04:28:16 2024
 Response via : Initial Calibration
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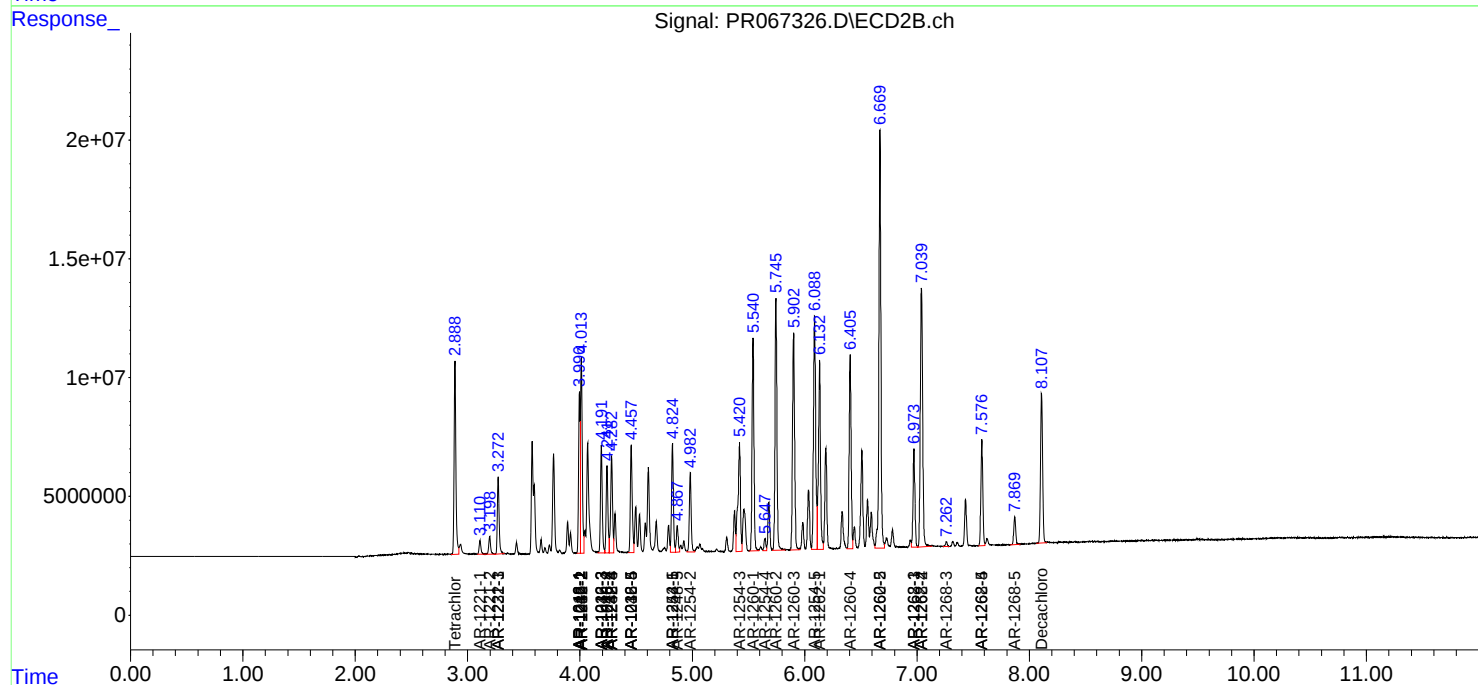
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

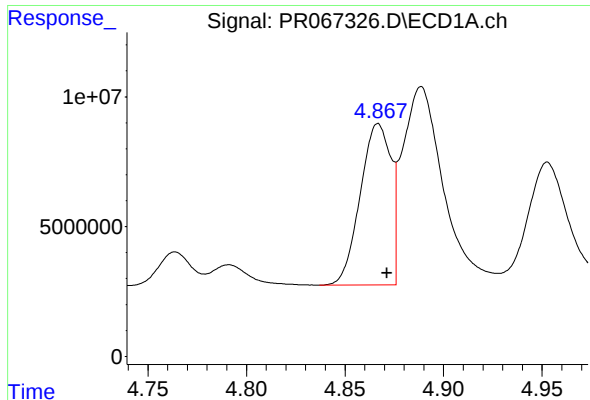
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.214	7.039	23989701	157.3E6	64.747	258.088 #
43) L9	AR-1268-3	8.431	7.262	1464148	2504794	4.500	4.683
44) L9	AR-1268-4	8.835	7.577	29472832	53189114	259.518	241.317
45) L9	AR-1268-5	9.215	7.869	7754653	14143890	9.206	9.482

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

Instrument :
ECD_R
ClientSampleId :
AR16603334

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

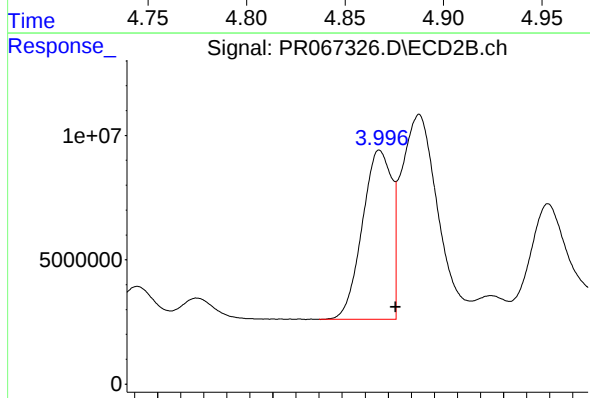




#3 AR-1016-1

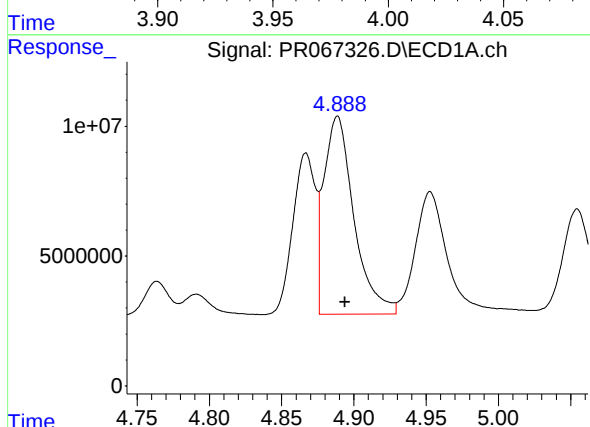
R.T.: 4.867 min
Delta R.T.: -0.004 min
Response: 67451358
Conc: 420.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603334



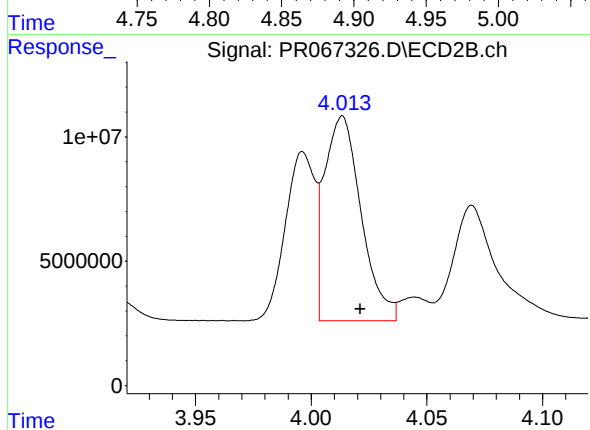
#3 AR-1016-1

R.T.: 3.996 min
Delta R.T.: -0.007 min
Response: 60122817
Conc: 400.50 ng/ml



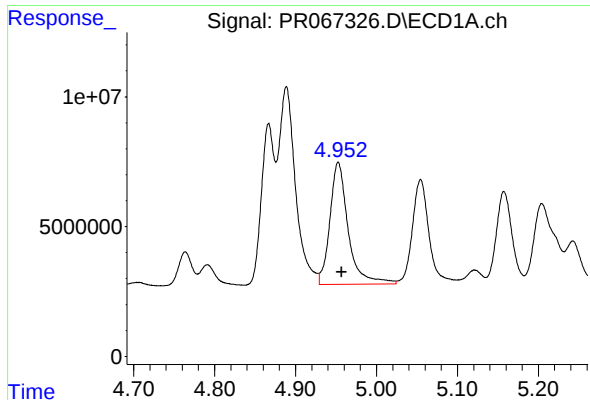
#4 AR-1016-2

R.T.: 4.889 min
Delta R.T.: -0.005 min
Response: 110553558
Conc: 430.59 ng/ml



#4 AR-1016-2

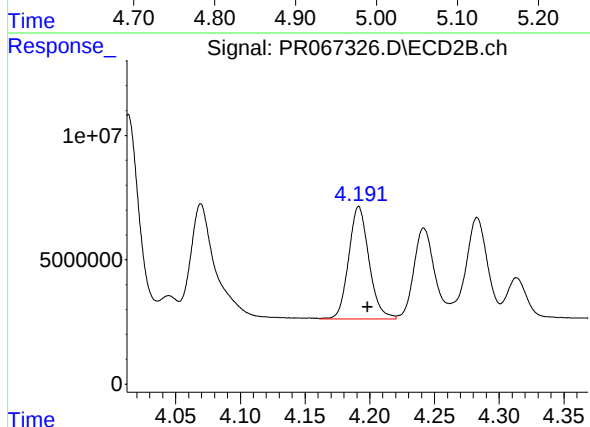
R.T.: 4.013 min
Delta R.T.: -0.008 min
Response: 90879065
Conc: 410.13 ng/ml



#5 AR-1016-3

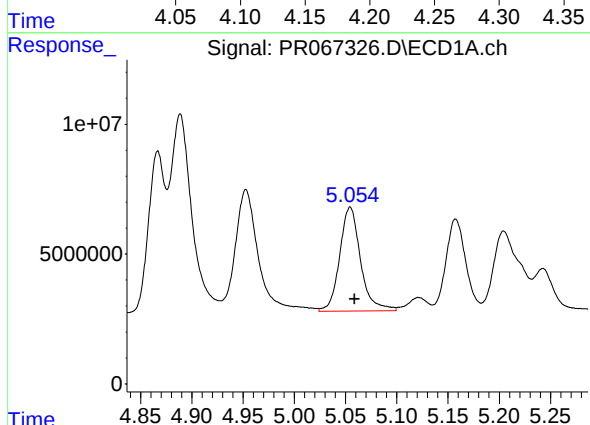
R.T.: 4.953 min
Delta R.T.: -0.004 min
Response: 74060026
Conc: 430.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603334



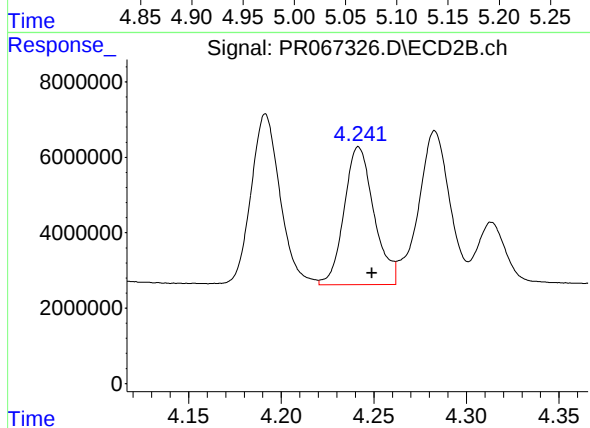
#5 AR-1016-3

R.T.: 4.192 min
Delta R.T.: -0.007 min
Response: 49594740
Conc: 402.54 ng/ml



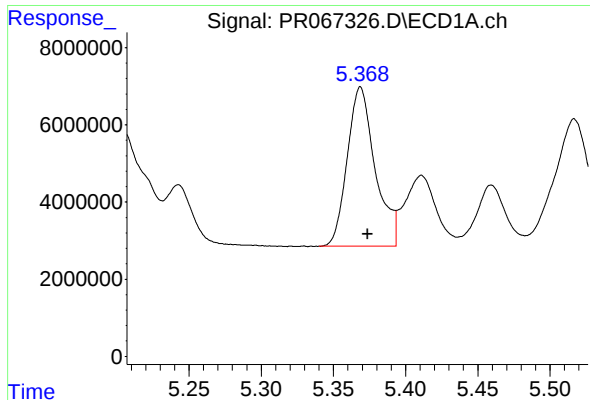
#6 AR-1016-4

R.T.: 5.055 min
Delta R.T.: -0.004 min
Response: 56975792
Conc: 429.56 ng/ml



#6 AR-1016-4

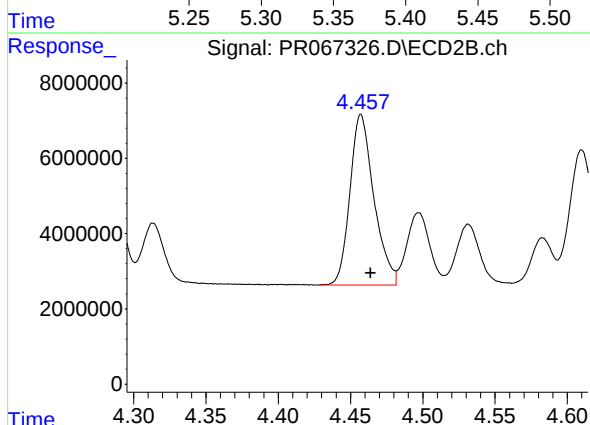
R.T.: 4.242 min
Delta R.T.: -0.007 min
Response: 40974544
Conc: 392.33 ng/ml



#7 AR-1016-5

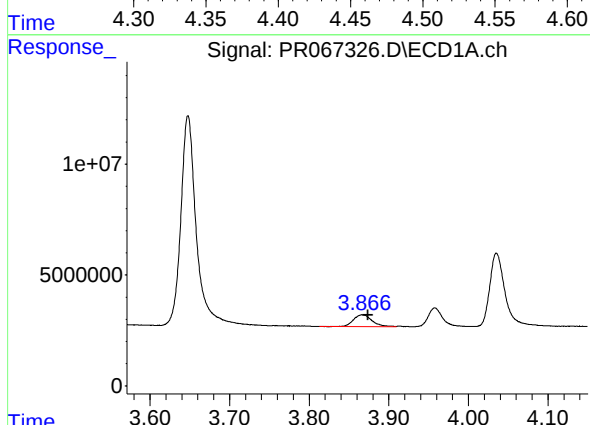
R.T.: 5.369 min
Delta R.T.: -0.005 min
Response: 55301058
Conc: 409.75 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603334



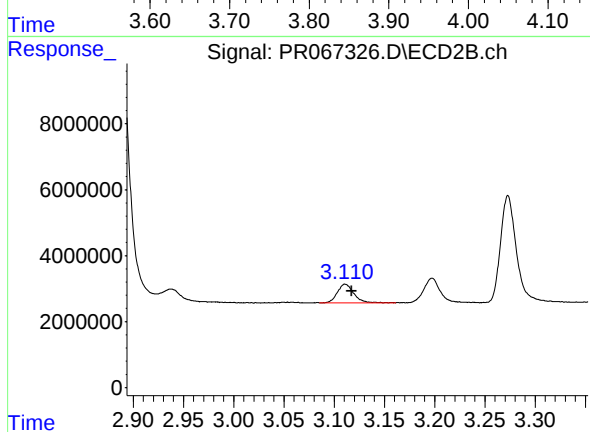
#7 AR-1016-5

R.T.: 4.457 min
Delta R.T.: -0.007 min
Response: 52294049
Conc: 394.83 ng/ml



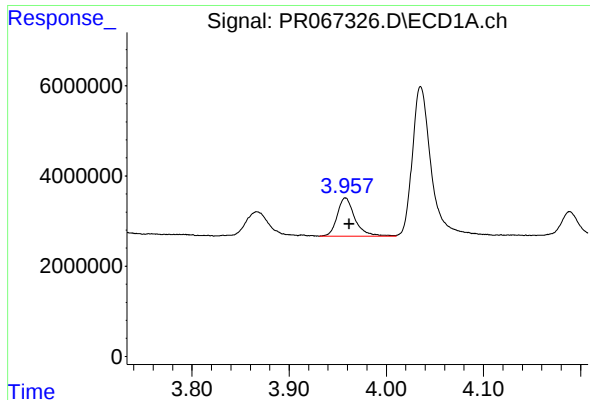
#8 AR-1221-1

R.T.: 3.867 min
Delta R.T.: -0.007 min
Response: 8580962
Conc: 131.51 ng/ml



#8 AR-1221-1

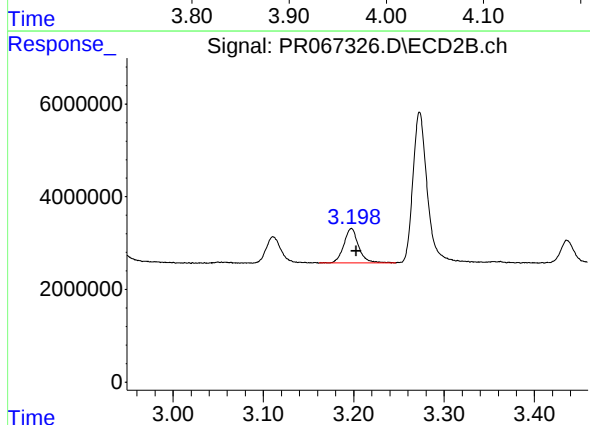
R.T.: 3.111 min
Delta R.T.: -0.007 min
Response: 6356480
Conc: 114.46 ng/ml



#9 AR-1221-2

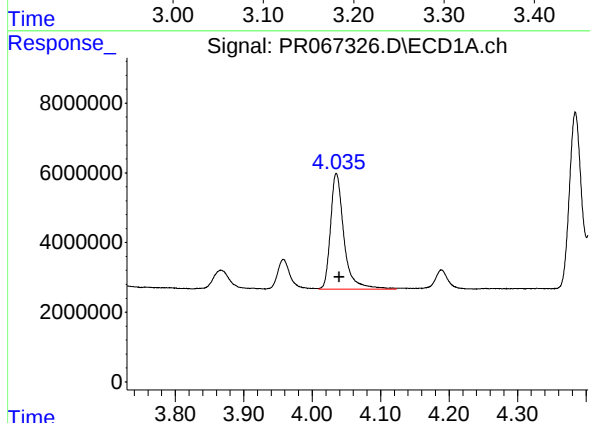
R.T.: 3.958 min
Delta R.T.: -0.004 min
Response: 10736486
Conc: 230.03 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603334



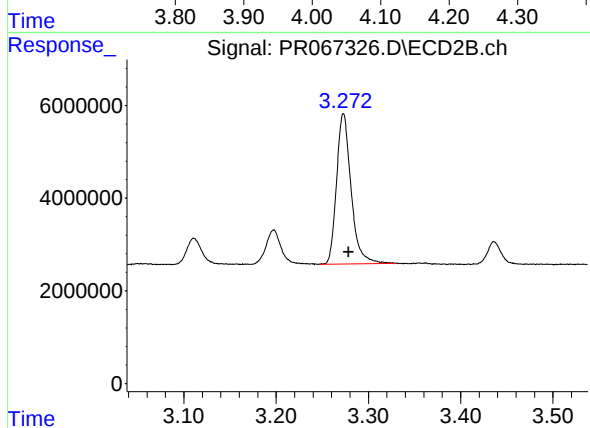
#9 AR-1221-2

R.T.: 3.197 min
Delta R.T.: -0.005 min
Response: 8424576
Conc: 210.47 ng/ml



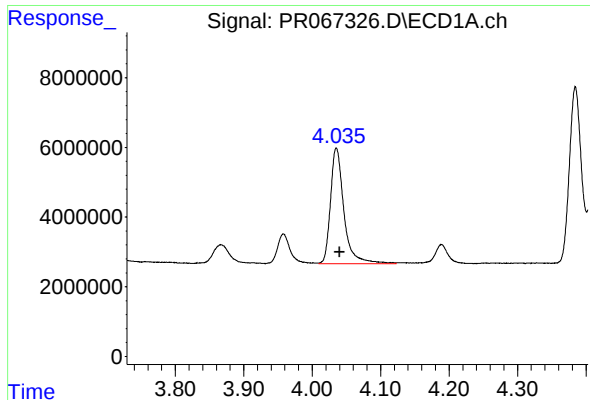
#10 AR-1221-3

R.T.: 4.035 min
Delta R.T.: -0.004 min
Response: 45056099
Conc: 298.64 ng/ml



#10 AR-1221-3

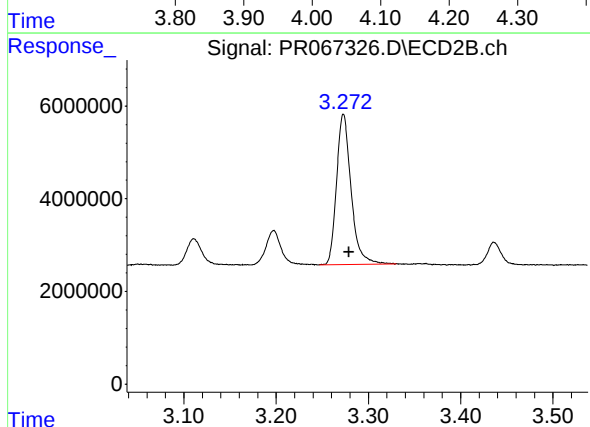
R.T.: 3.273 min
Delta R.T.: -0.006 min
Response: 35419816
Conc: 280.69 ng/ml



#11 AR-1232-1

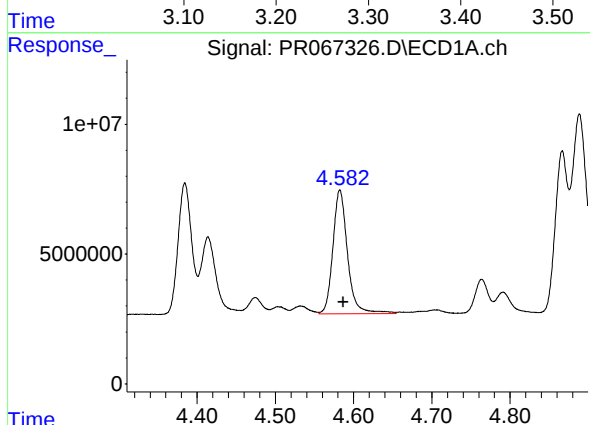
R.T.: 4.035 min
Delta R.T.: -0.005 min
Response: 45056099
Conc: 355.10 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603334



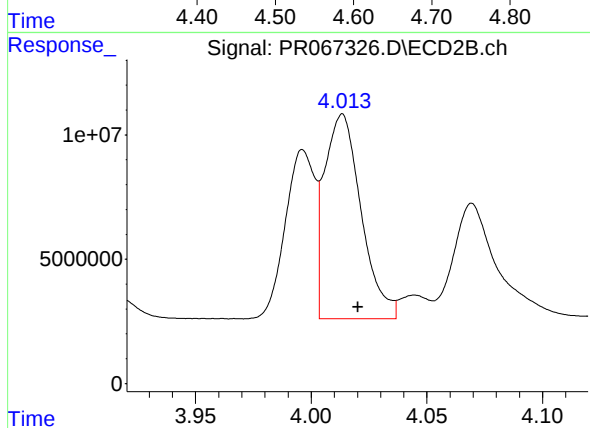
#11 AR-1232-1

R.T.: 3.273 min
Delta R.T.: -0.006 min
Response: 35419816
Conc: 330.96 ng/ml



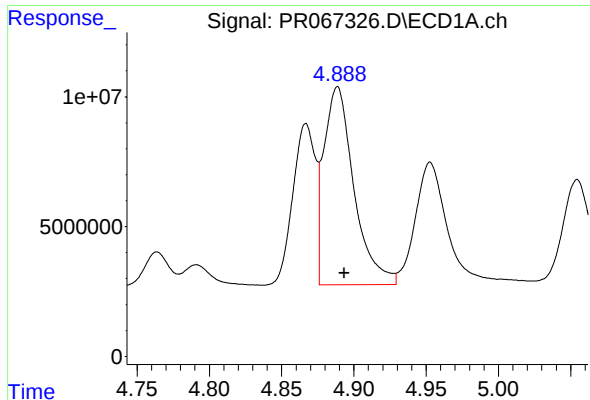
#12 AR-1232-2

R.T.: 4.583 min
Delta R.T.: -0.005 min
Response: 62015971
Conc: 872.85 ng/ml



#12 AR-1232-2

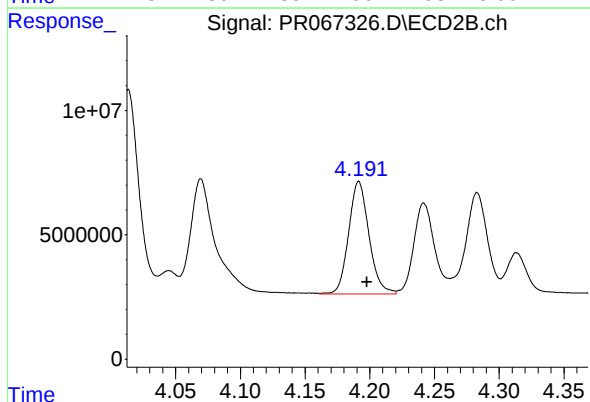
R.T.: 4.013 min
Delta R.T.: -0.007 min
Response: 90879065
Conc: 877.18 ng/ml



#13 AR-1232-3

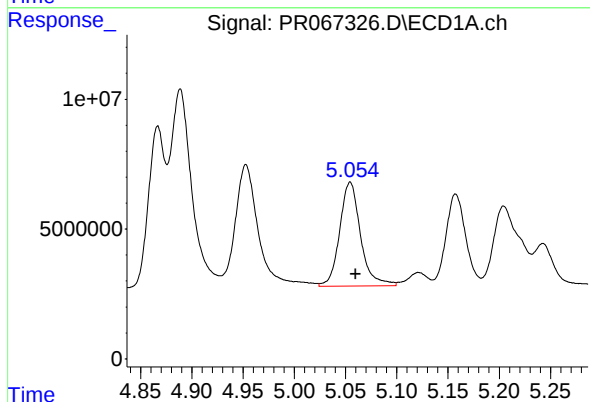
R.T.: 4.889 min
Delta R.T.: -0.005 min
Response: 110553558
Conc: 967.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603334



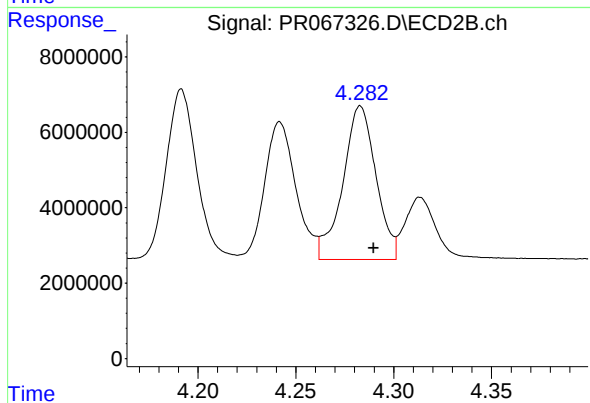
#13 AR-1232-3

R.T.: 4.192 min
Delta R.T.: -0.006 min
Response: 49594740
Conc: 896.86 ng/ml



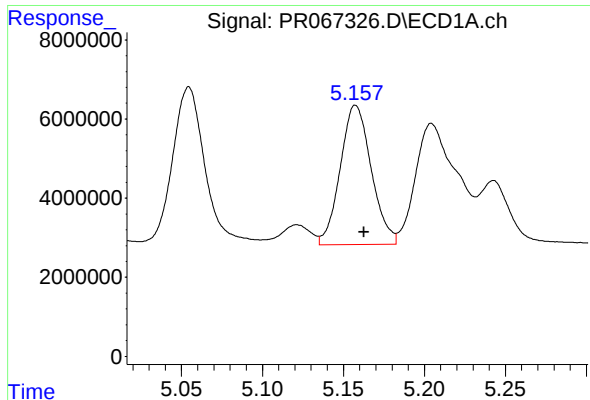
#14 AR-1232-4

R.T.: 5.055 min
Delta R.T.: -0.005 min
Response: 56975792
Conc: 984.51 ng/ml



#14 AR-1232-4

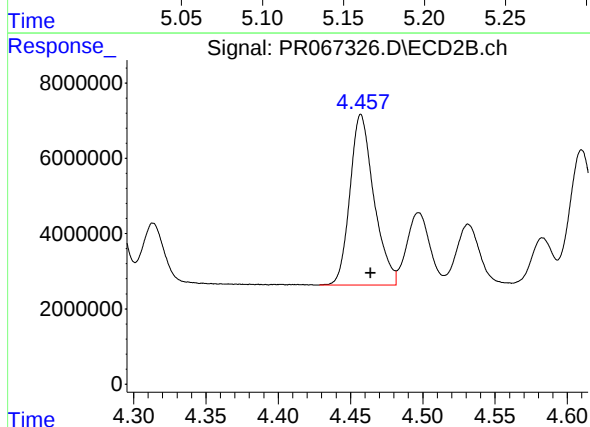
R.T.: 4.283 min
Delta R.T.: -0.007 min
Response: 48030955
Conc: 939.55 ng/ml



#15 AR-1232-5

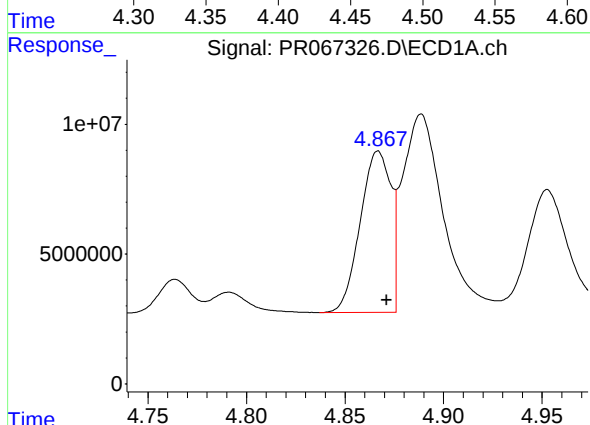
R.T.: 5.157 min
Delta R.T.: -0.005 min
Response: 46945095
Conc: 1054.86 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603334



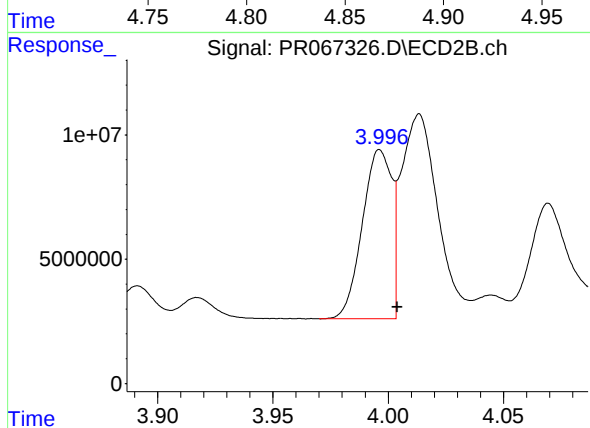
#15 AR-1232-5

R.T.: 4.457 min
Delta R.T.: -0.007 min
Response: 52294049
Conc: 944.15 ng/ml



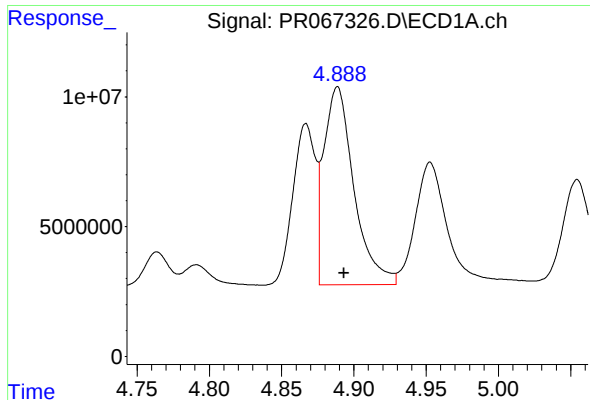
#16 AR-1242-1

R.T.: 4.867 min
Delta R.T.: -0.004 min
Response: 67451358
Conc: 546.84 ng/ml



#16 AR-1242-1

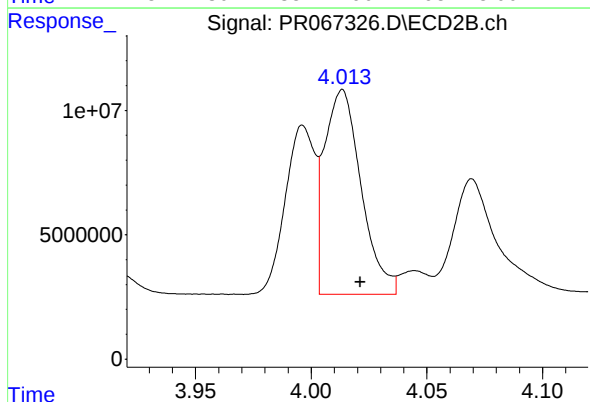
R.T.: 3.996 min
Delta R.T.: -0.007 min
Response: 60122817
Conc: 506.14 ng/ml



#17 AR-1242-2

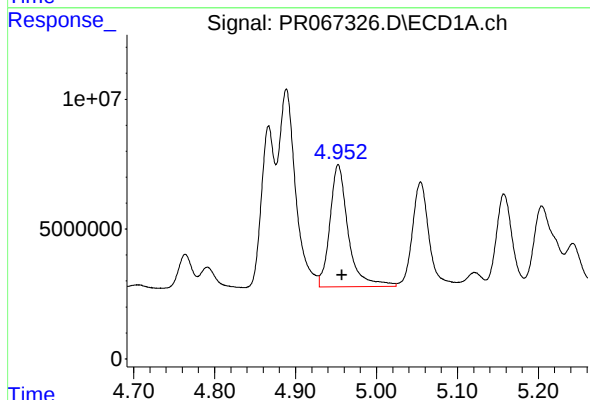
R.T.: 4.889 min
Delta R.T.: -0.004 min
Response: 110553558
Conc: 562.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603334



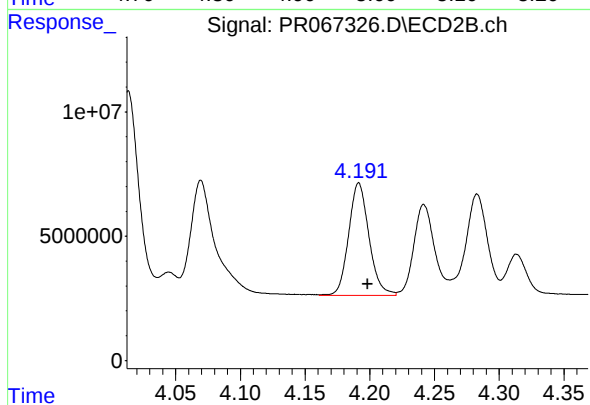
#17 AR-1242-2

R.T.: 4.013 min
Delta R.T.: -0.008 min
Response: 90879065
Conc: 512.37 ng/ml



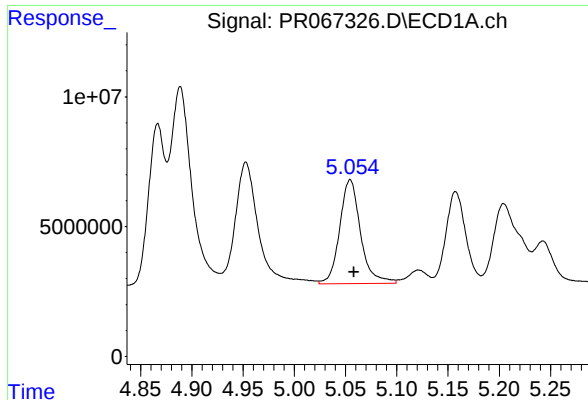
#18 AR-1242-3

R.T.: 4.953 min
Delta R.T.: -0.005 min
Response: 74060026
Conc: 552.12 ng/ml



#18 AR-1242-3

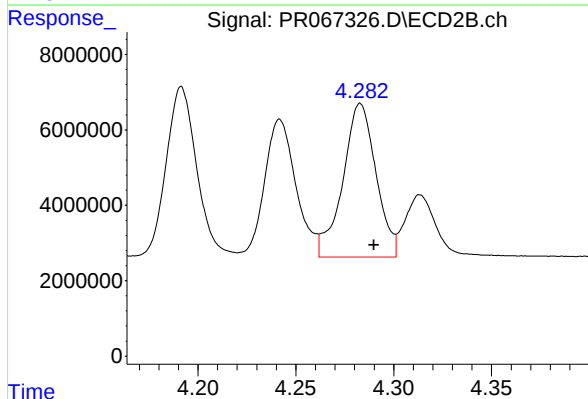
R.T.: 4.192 min
Delta R.T.: -0.007 min
Response: 49594740
Conc: 504.93 ng/ml



#19 AR-1242-4

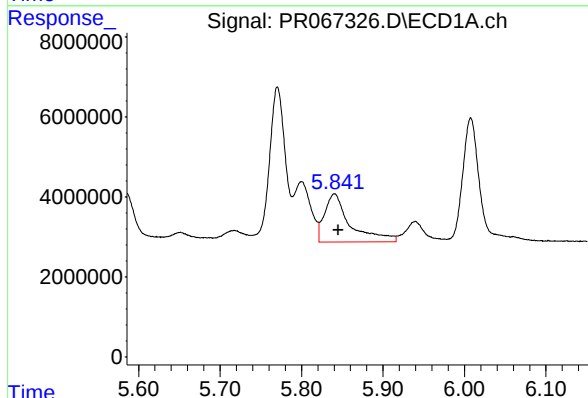
R.T.: 5.055 min
Delta R.T.: -0.004 min
Response: 56975792
Conc: 550.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603334



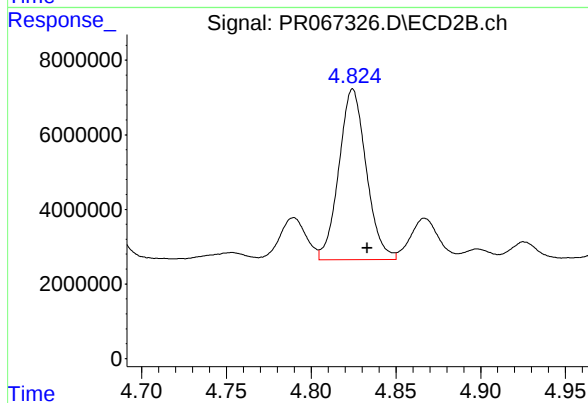
#19 AR-1242-4

R.T.: 4.283 min
Delta R.T.: -0.007 min
Response: 48030955
Conc: 484.92 ng/ml



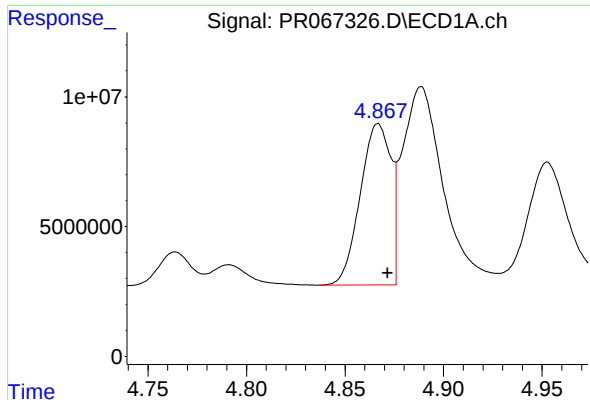
#20 AR-1242-5

R.T.: 5.841 min
Delta R.T.: -0.005 min
Response: 26174424
Conc: 248.79 ng/ml



#20 AR-1242-5

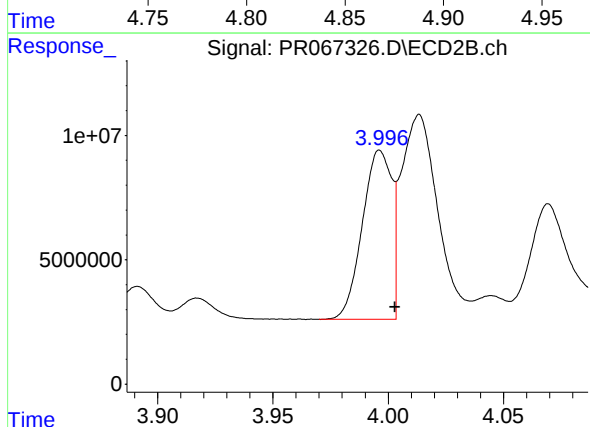
R.T.: 4.825 min
Delta R.T.: -0.009 min
Response: 51412872
Conc: 436.35 ng/ml



#21 AR-1248-1

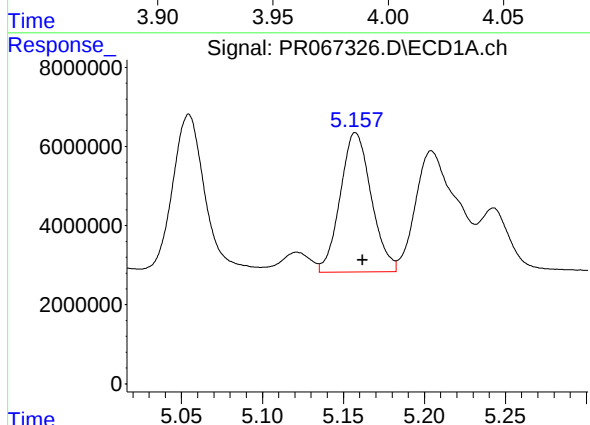
R.T.: 4.867 min
Delta R.T.: -0.005 min
Response: 67451358
Conc: 742.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603334



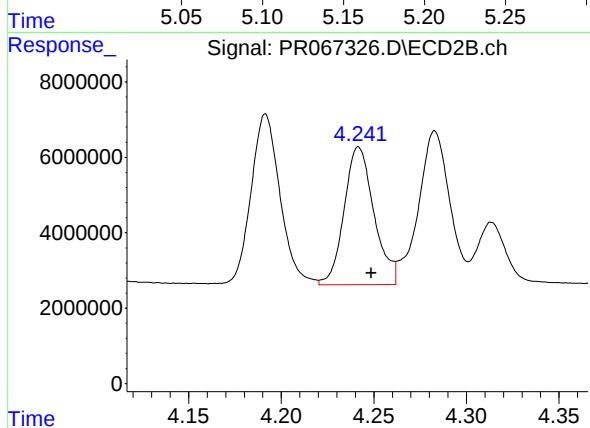
#21 AR-1248-1

R.T.: 3.996 min
Delta R.T.: -0.006 min
Response: 60122817
Conc: 664.89 ng/ml



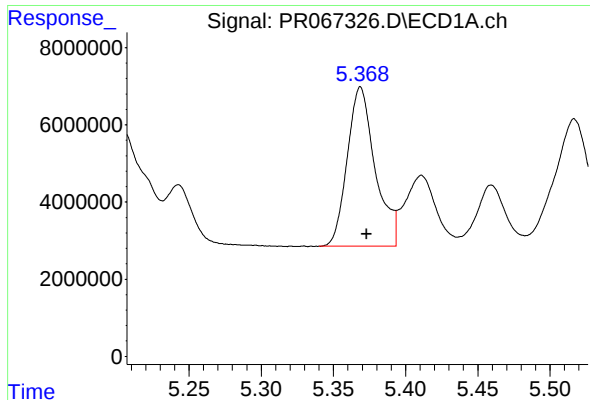
#22 AR-1248-2

R.T.: 5.157 min
Delta R.T.: -0.004 min
Response: 46945095
Conc: 315.36 ng/ml



#22 AR-1248-2

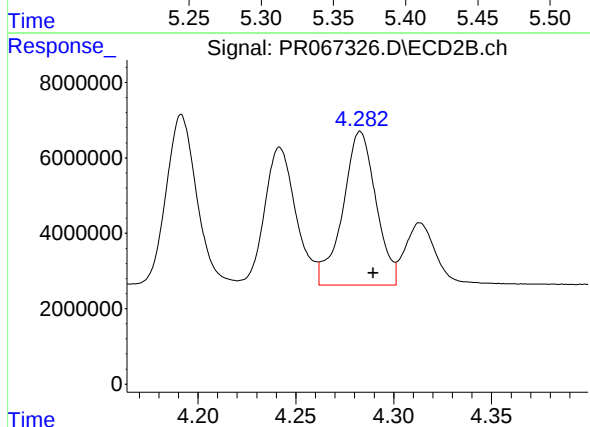
R.T.: 4.242 min
Delta R.T.: -0.007 min
Response: 40974544
Conc: 293.18 ng/ml



#23 AR-1248-3

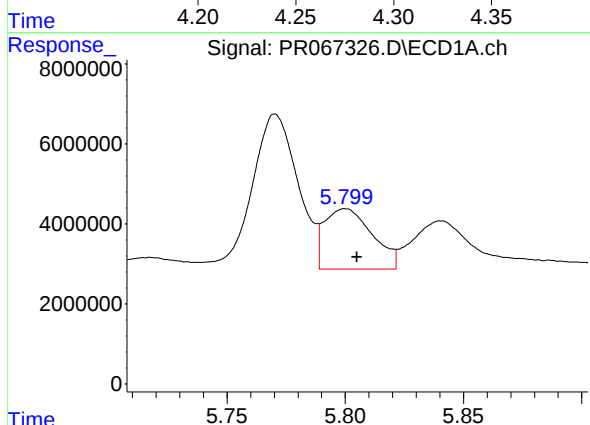
R.T.: 5.369 min
Delta R.T.: -0.004 min
Response: 55301058
Conc: 323.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603334



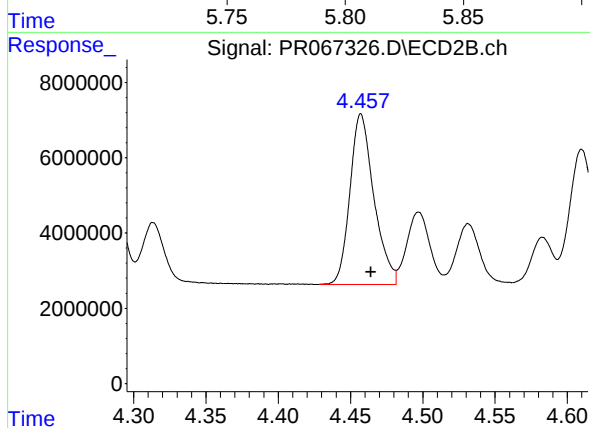
#23 AR-1248-3

R.T.: 4.283 min
Delta R.T.: -0.007 min
Response: 48030955
Conc: 343.47 ng/ml



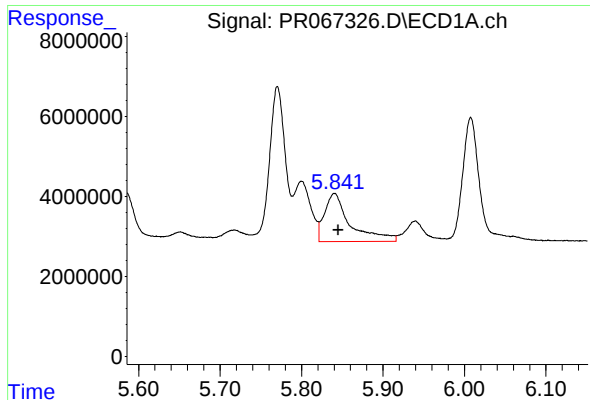
#24 AR-1248-4

R.T.: 5.800 min
Delta R.T.: -0.005 min
Response: 21284595
Conc: 134.98 ng/ml



#24 AR-1248-4

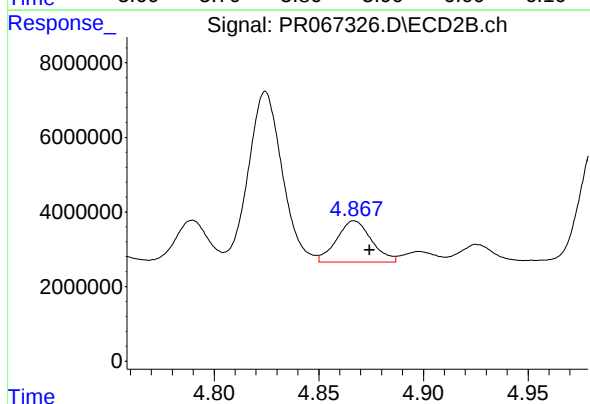
R.T.: 4.457 min
Delta R.T.: -0.007 min
Response: 52294049
Conc: 312.12 ng/ml



#25 AR-1248-5

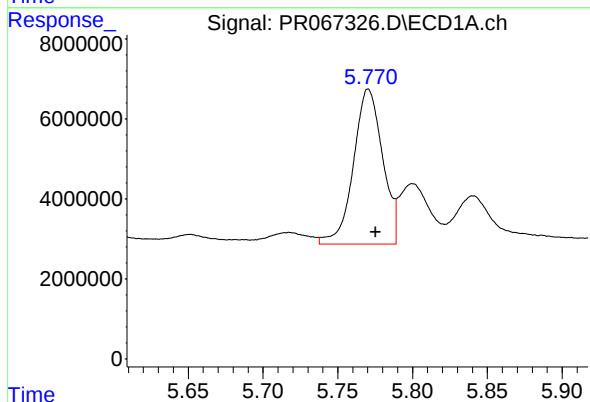
R.T.: 5.841 min
Delta R.T.: -0.004 min
Response: 26174424
Conc: 146.98 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603334



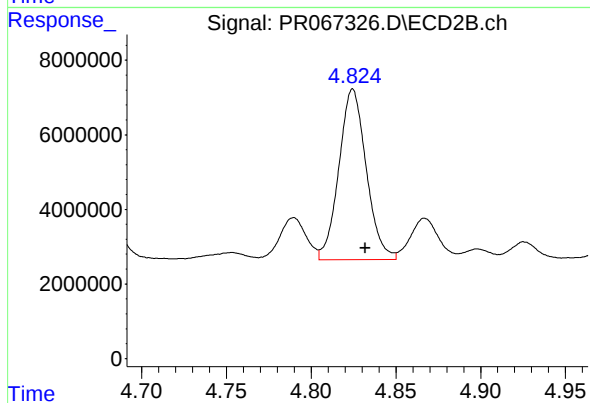
#25 AR-1248-5

R.T.: 4.867 min
Delta R.T.: -0.007 min
Response: 12870118
Conc: 83.30 ng/ml



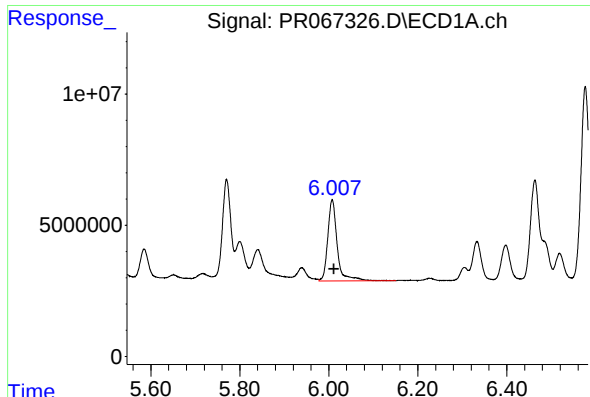
#26 AR-1254-1

R.T.: 5.770 min
Delta R.T.: -0.005 min
Response: 52655875
Conc: 276.22 ng/ml



#26 AR-1254-1

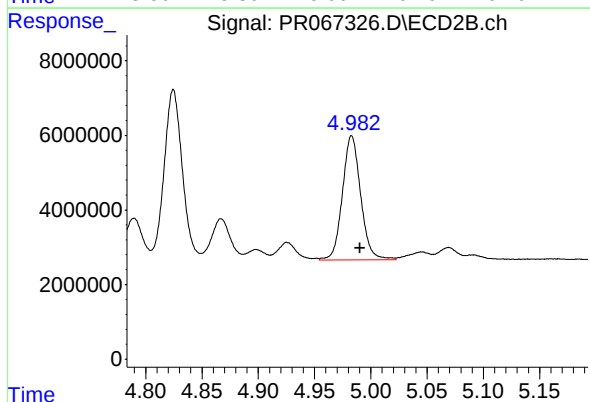
R.T.: 4.825 min
Delta R.T.: -0.007 min
Response: 51412872
Conc: 210.48 ng/ml



#27 AR-1254-2

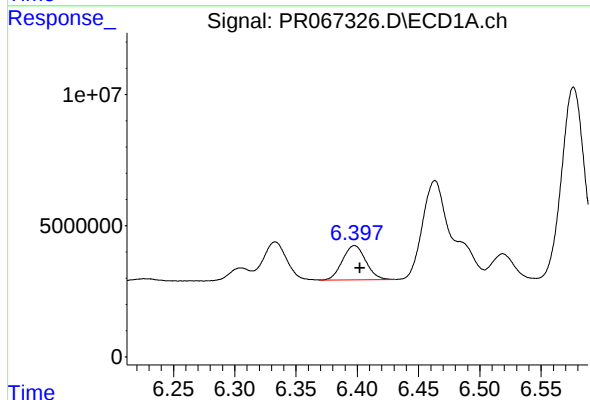
R.T.: 6.008 min
Delta R.T.: -0.004 min
Response: 45752478
Conc: 163.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603334



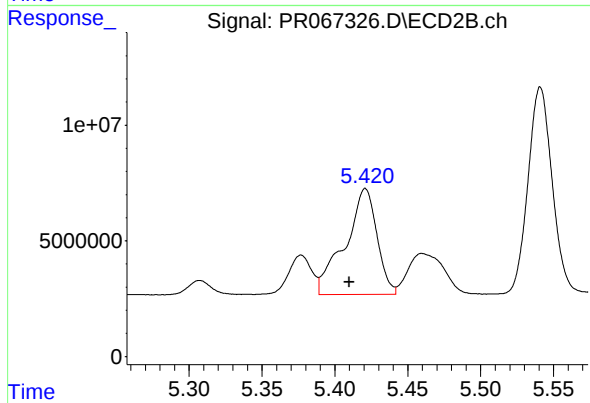
#27 AR-1254-2

R.T.: 4.983 min
Delta R.T.: -0.007 min
Response: 37622323
Conc: 173.80 ng/ml



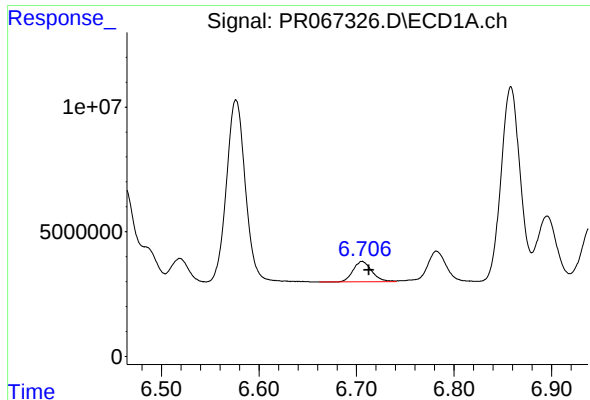
#28 AR-1254-3

R.T.: 6.398 min
Delta R.T.: -0.004 min
Response: 17468067
Conc: 65.17 ng/ml



#28 AR-1254-3

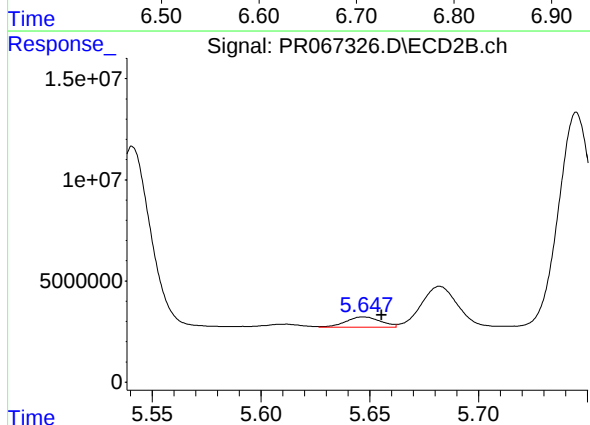
R.T.: 5.421 min
Delta R.T.: 0.011 min
Response: 69817523
Conc: 205.28 ng/ml



#29 AR-1254-4

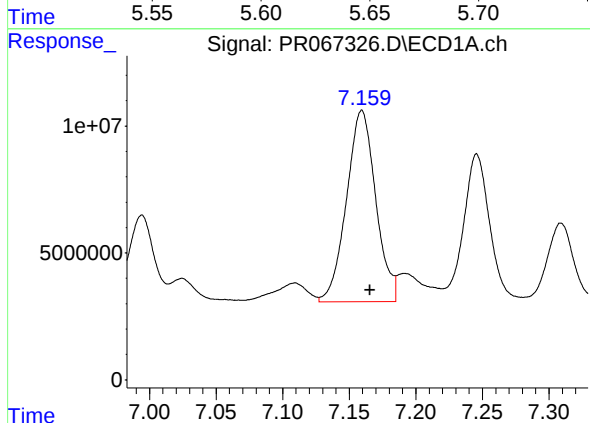
R.T.: 6.706 min
Delta R.T.: -0.007 min
Response: 10891911
Conc: 67.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603334



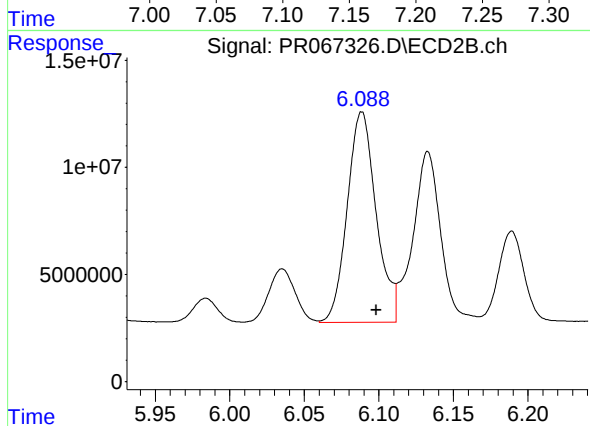
#29 AR-1254-4

R.T.: 5.647 min
Delta R.T.: -0.008 min
Response: 5565685
Conc: 28.36 ng/ml



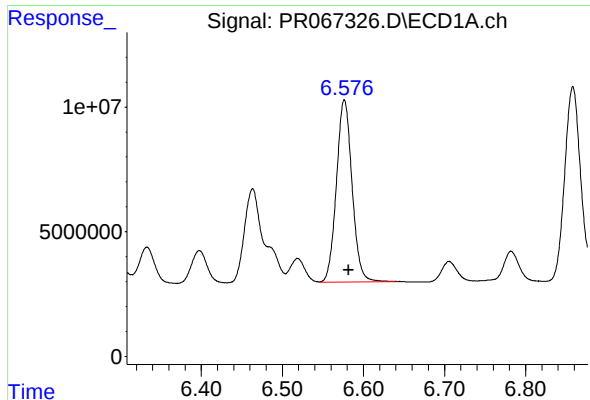
#30 AR-1254-5

R.T.: 7.159 min
Delta R.T.: -0.006 min
Response: 115216188
Conc: 600.06 ng/ml



#30 AR-1254-5

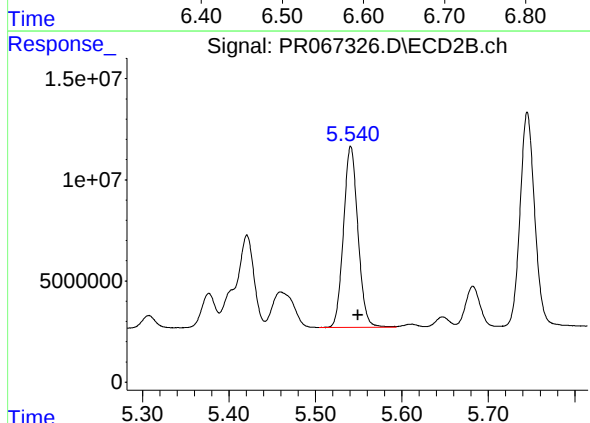
R.T.: 6.089 min
Delta R.T.: -0.010 min
Response: 132850591
Conc: 431.37 ng/ml



#31 AR-1260-1

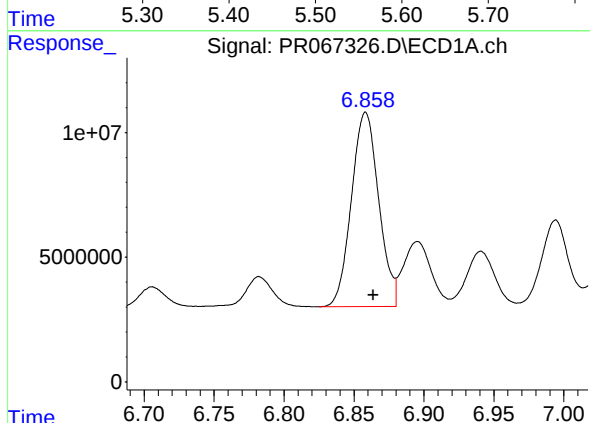
R.T.: 6.577 min
Delta R.T.: -0.005 min
Response: 97878408
Conc: 401.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603334



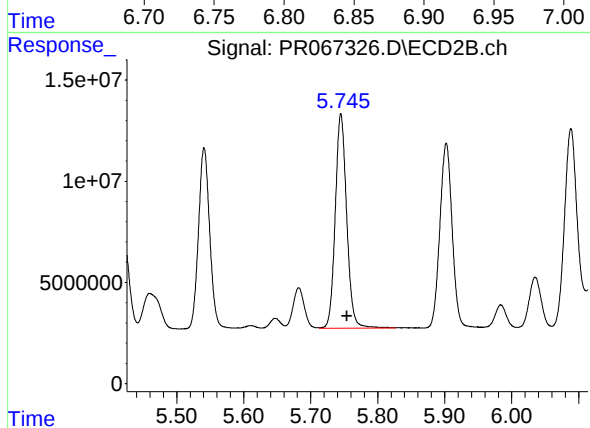
#31 AR-1260-1

R.T.: 5.541 min
Delta R.T.: -0.009 min
Response: 104151731
Conc: 399.76 ng/ml



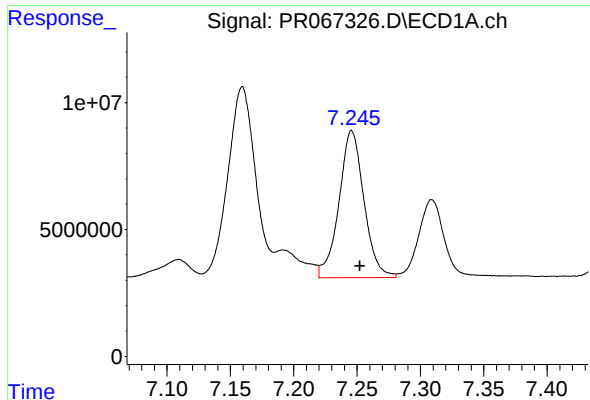
#32 AR-1260-2

R.T.: 6.858 min
Delta R.T.: -0.005 min
Response: 105799377
Conc: 408.66 ng/ml



#32 AR-1260-2

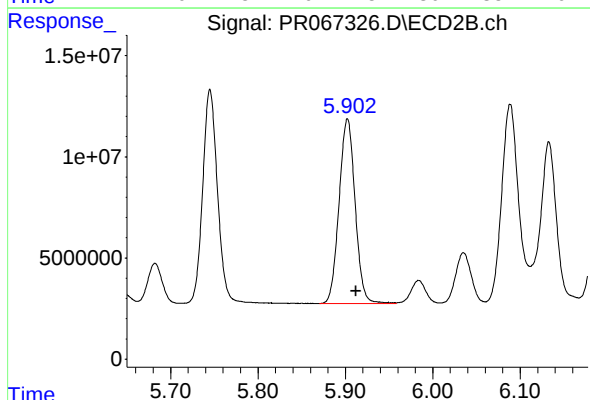
R.T.: 5.745 min
Delta R.T.: -0.009 min
Response: 125719074
Conc: 410.02 ng/ml



#33 AR-1260-3

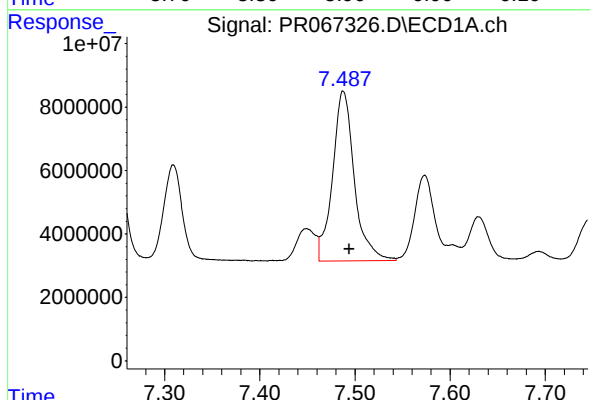
R.T.: 7.246 min
Delta R.T.: -0.007 min
Response: 79653508
Conc: 400.87 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603334



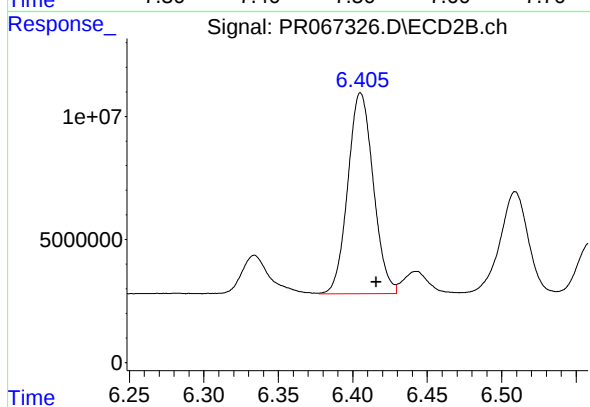
#33 AR-1260-3

R.T.: 5.902 min
Delta R.T.: -0.009 min
Response: 116574222
Conc: 397.68 ng/ml



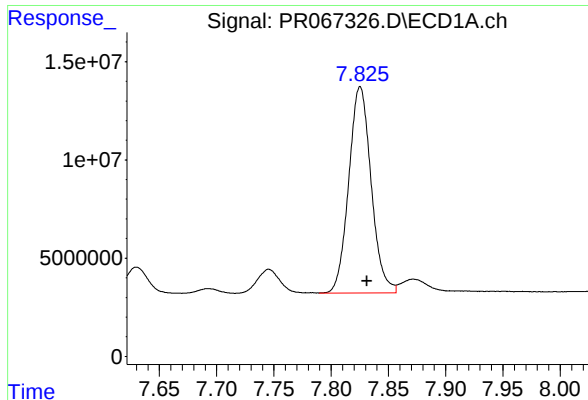
#34 AR-1260-4

R.T.: 7.488 min
Delta R.T.: -0.006 min
Response: 84543071
Conc: 404.74 ng/ml



#34 AR-1260-4

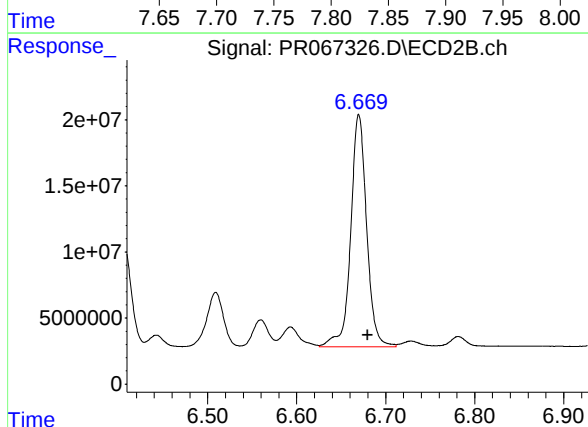
R.T.: 6.405 min
Delta R.T.: -0.011 min
Response: 97183451
Conc: 388.68 ng/ml



#35 AR-1260-5

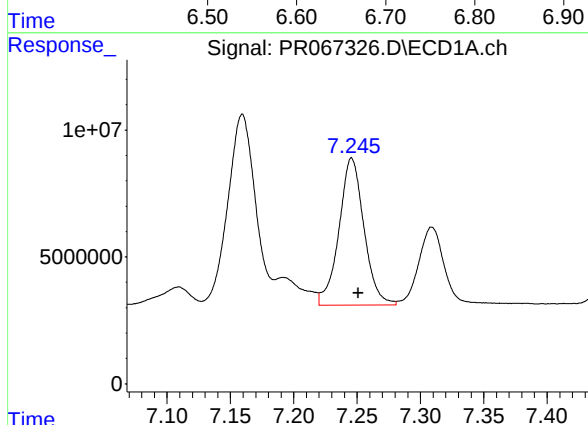
R.T.: 7.825 min
Delta R.T.: -0.006 min
Response: 143020438
Conc: 417.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603334



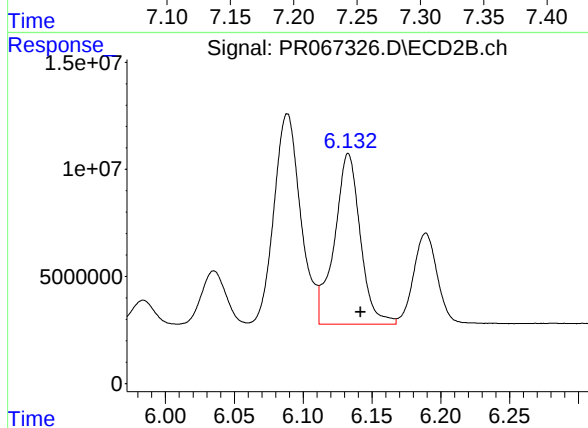
#35 AR-1260-5

R.T.: 6.670 min
Delta R.T.: -0.010 min
Response: 218823955
Conc: 400.86 ng/ml



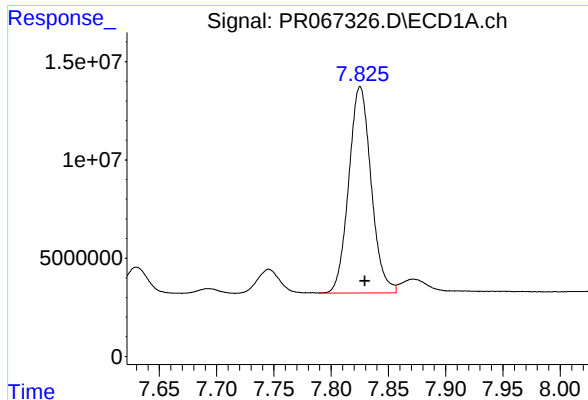
#36 AR-1262-1

R.T.: 7.246 min
Delta R.T.: -0.005 min
Response: 79653508
Conc: 307.81 ng/ml



#36 AR-1262-1

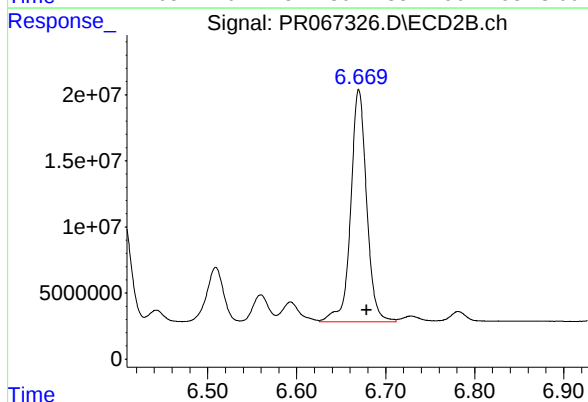
R.T.: 6.133 min
Delta R.T.: -0.009 min
Response: 104385002
Conc: 314.92 ng/ml



#37 AR-1262-2

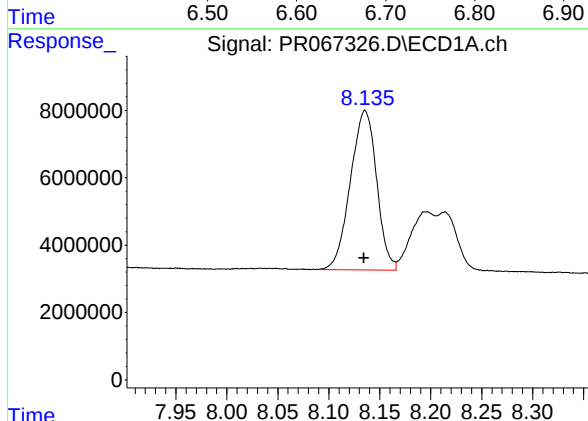
R.T.: 7.825 min
Delta R.T.: -0.004 min
Response: 143020438
Conc: 412.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603334



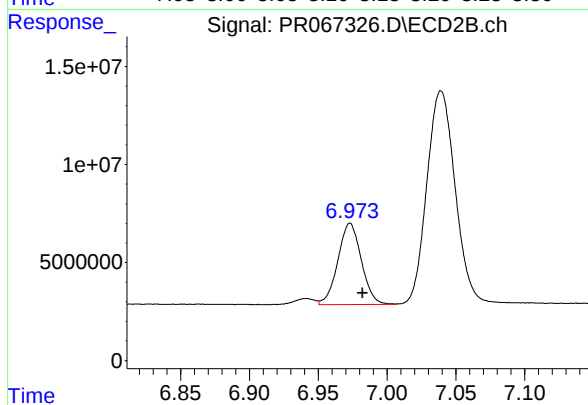
#37 AR-1262-2

R.T.: 6.670 min
Delta R.T.: -0.009 min
Response: 218823955
Conc: 393.17 ng/ml



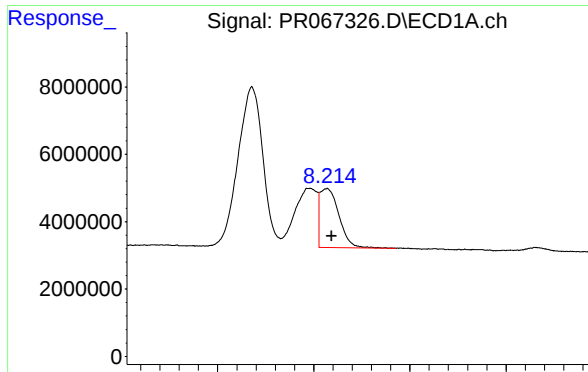
#38 AR-1262-3

R.T.: 8.136 min
Delta R.T.: 0.000 min
Response: 84774889
Conc: 371.70 ng/ml



#38 AR-1262-3

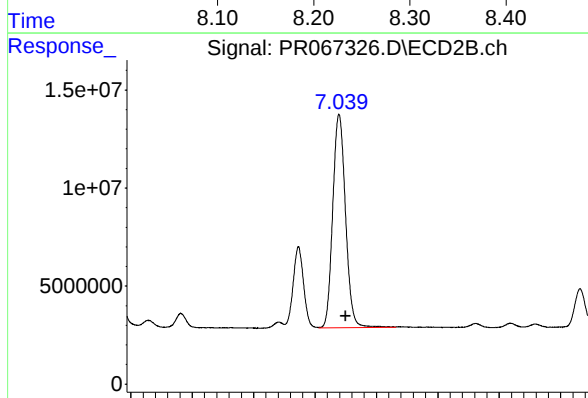
R.T.: 6.973 min
Delta R.T.: -0.009 min
Response: 49072361
Conc: 205.61 ng/ml



#39 AR-1262-4

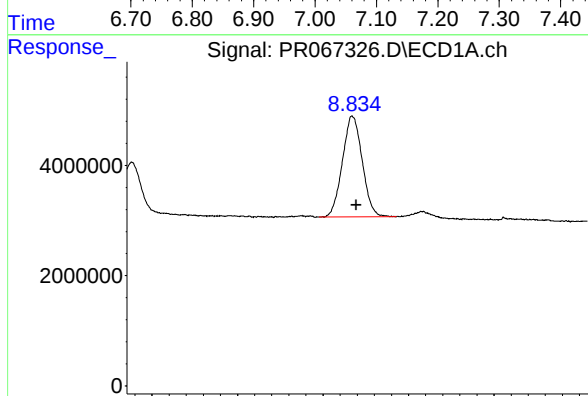
R.T.: 8.214 min
Delta R.T.: -0.005 min
Response: 23989701
Conc: 132.91 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603334



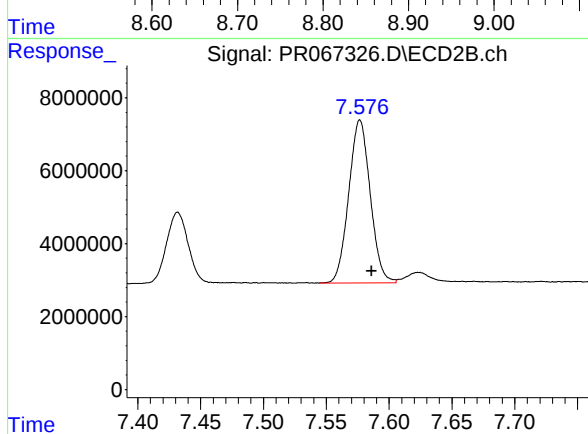
#39 AR-1262-4

R.T.: 7.039 min
Delta R.T.: -0.011 min
Response: 157294338
Conc: 368.62 ng/ml



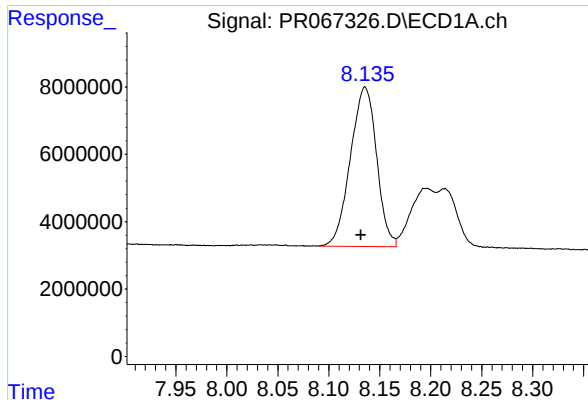
#40 AR-1262-5

R.T.: 8.835 min
Delta R.T.: -0.004 min
Response: 29472832
Conc: 287.72 ng/ml



#40 AR-1262-5

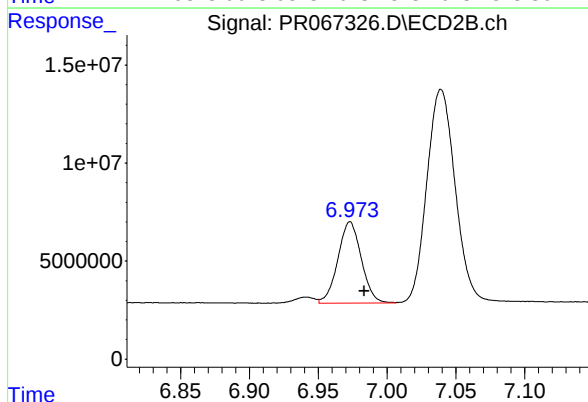
R.T.: 7.577 min
Delta R.T.: -0.009 min
Response: 53189114
Conc: 271.55 ng/ml



#41 AR-1268-1

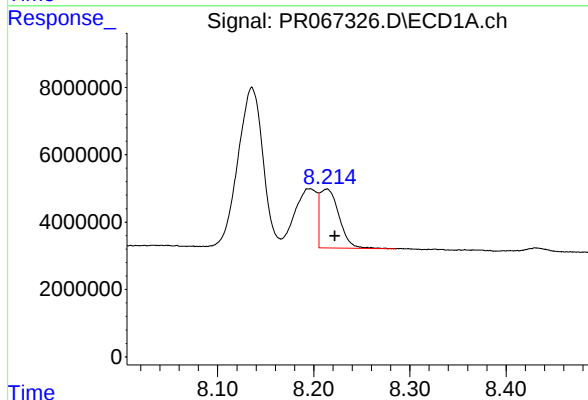
R.T.: 8.136 min
Delta R.T.: 0.004 min
Response: 84774889
Conc: 204.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603334



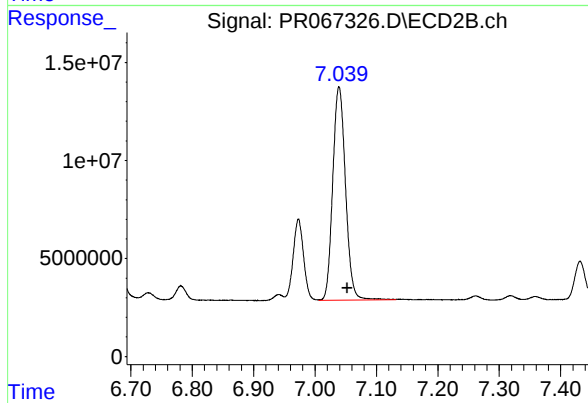
#41 AR-1268-1

R.T.: 6.973 min
Delta R.T.: -0.010 min
Response: 49072361
Conc: 73.75 ng/ml



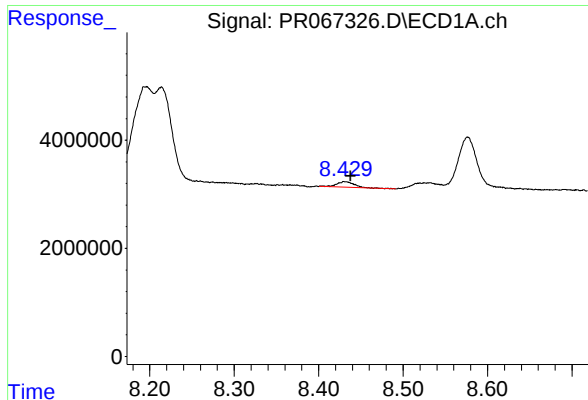
#42 AR-1268-2

R.T.: 8.214 min
Delta R.T.: -0.009 min
Response: 23989701
Conc: 64.75 ng/ml



#42 AR-1268-2

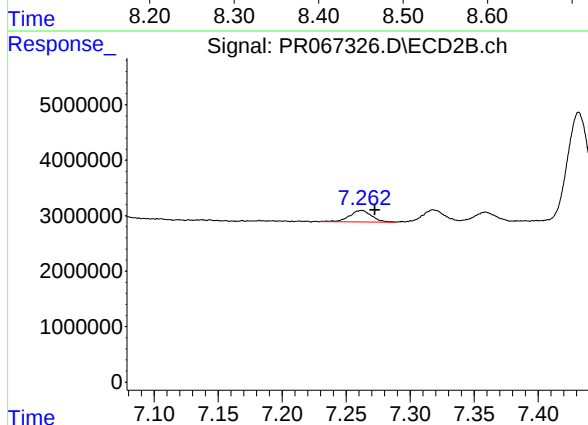
R.T.: 7.039 min
Delta R.T.: -0.013 min
Response: 157294338
Conc: 258.09 ng/ml



#43 AR-1268-3

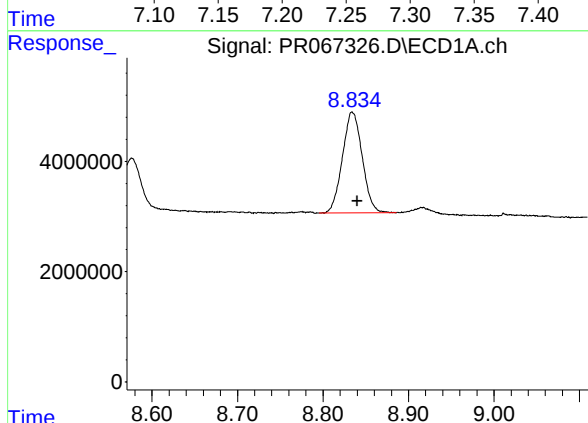
R.T.: 8.431 min
Delta R.T.: -0.007 min
Response: 1464148
Conc: 4.50 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603334



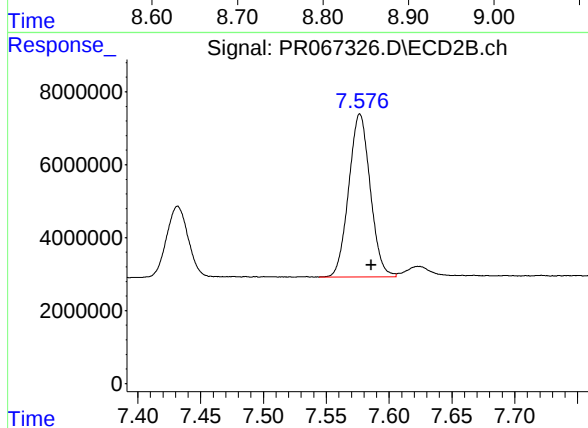
#43 AR-1268-3

R.T.: 7.262 min
Delta R.T.: -0.011 min
Response: 2504794
Conc: 4.68 ng/ml



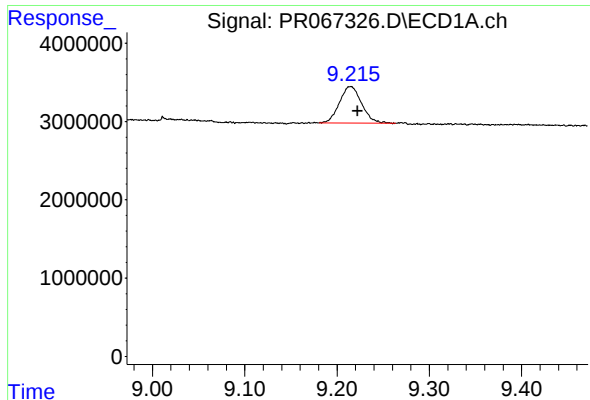
#44 AR-1268-4

R.T.: 8.835 min
Delta R.T.: -0.005 min
Response: 29472832
Conc: 259.52 ng/ml



#44 AR-1268-4

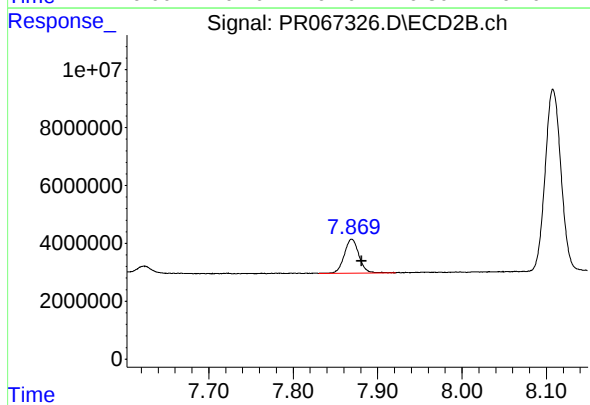
R.T.: 7.577 min
Delta R.T.: -0.009 min
Response: 53189114
Conc: 241.32 ng/ml



#45 AR-1268-5

R.T.: 9.215 min
Delta R.T.: -0.008 min
Response: 7754653
Conc: 9.21 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603334



#45 AR-1268-5

R.T.: 7.869 min
Delta R.T.: -0.012 min
Response: 14143890
Conc: 9.48 ng/ml