

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR060324\
 Data File : PR067336.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2024 00:49
 Operator : AJ\MA
 Sample : P2678-04MS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 BH674MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 03:41:09 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	2.889	142.9E6	104.7E6	23.298	22.498
2) SA Decachlor...	9.521	8.108	67276899	115.5E6	51.813	51.887
Target Compounds						
3) L1 AR-1016-1	4.866	3.997	91574059	76400201	570.926	508.933
4) L1 AR-1016-2	4.888	4.014	143.8E6	106.2E6	560.105	479.086
5) L1 AR-1016-3	4.952	4.191	106.4E6	67737506	618.173	549.799
6) L1 AR-1016-4	5.054	4.241	77337397	45561119	583.075	436.241 #
7) L1 AR-1016-5	5.368	4.458	62785175	65600965	465.203	495.306
8) L2 AR-1221-1	3.866	3.111	9647861	9634992	147.861	173.501
9) L2 AR-1221-2	3.959	3.198	12868163	12718109	275.701	317.728
10) L2 AR-1221-3	4.036	3.274	55003103	40366615	364.577	319.897
11) L3 AR-1232-1	4.036	3.274	55003103	40366615	433.499	377.185
12) L3 AR-1232-2	4.582	4.014	76263344	106.2E6	1073.370	1024.666
13) L3 AR-1232-3	4.888	4.191	143.8E6	67737506	1258.575	1224.948
14) L3 AR-1232-4	5.054	4.283	77337397	62252875	1336.346	1217.754
15) L3 AR-1232-5	5.156	4.458	53295846	65600965	1197.564	1184.399
16) L4 AR-1242-1	4.866	3.997	91574059	76400201	742.410	643.169
17) L4 AR-1242-2	4.888	4.014	143.8E6	106.2E6	731.738	598.517
18) L4 AR-1242-3	4.952	4.191	106.4E6	67737506	793.284	689.646
19) L4 AR-1242-4	5.054	4.283	77337397	62252875	747.539	628.498
20) L4 AR-1242-5	5.840	4.824	17680422	58268397	168.052	494.537 #
21) L5 AR-1248-1	4.866	3.997	91574059	76400201	1007.712	844.899
22) L5 AR-1248-2	5.156	4.241	53295846	45561119	358.022	326.001
23) L5 AR-1248-3	5.368	4.283	62785175	62252875	367.588	445.165
24) L5 AR-1248-4	5.799	4.458	12837347	65600965	81.410	391.546 #
25) L5 AR-1248-5	5.840	4.867	17680422	14080128	99.282	91.135
26) L6 AR-1254-1	5.769	4.824	50120059	58268397	262.921	238.543
27) L6 AR-1254-2	6.005	4.983	69532473	58987715	247.730	272.493
28) L6 AR-1254-3	6.397	5.401	34291396	31638937	127.931	93.024 #
29) L6 AR-1254-4	6.705	5.647	17817868	15895295	110.602	81.001 #
30) L6 AR-1254-5	7.159	6.089	169.1E6	234.5E6	880.480	761.535
31) L7 AR-1260-1	6.574	5.541	110.9E6	142.4E6	454.662	546.732
32) L7 AR-1260-2	6.856	5.745	156.3E6	194.8E6	603.534	635.380
33) L7 AR-1260-3	7.245	5.902	81390447	131.4E6	409.615	448.131
34) L7 AR-1260-4	7.487	6.406	118.3E6	103.3E6	566.360	413.094 #
35) L7 AR-1260-5	7.824	6.670	164.0E6	221.9E6	479.023	406.499
36) L8 AR-1262-1	7.245	6.133	81390447	110.3E6	314.520	332.908
37) L8 AR-1262-2	7.824	6.670	164.0E6	221.9E6	472.754	398.702
38) L8 AR-1262-3	8.135	6.973	96099493	50903831	421.348	213.282 #
39) L8 AR-1262-4	8.210	7.038	23253153	176.1E6	128.827	412.801 #
40) L8 AR-1262-5	8.831	7.576	31498581	51464062	307.495	262.740
41) L9 AR-1268-1	8.135	6.973	96099493	50903831	231.646	76.498 #

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Integration File signal 1: autoint1.e
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 Response via : Initial Calibration
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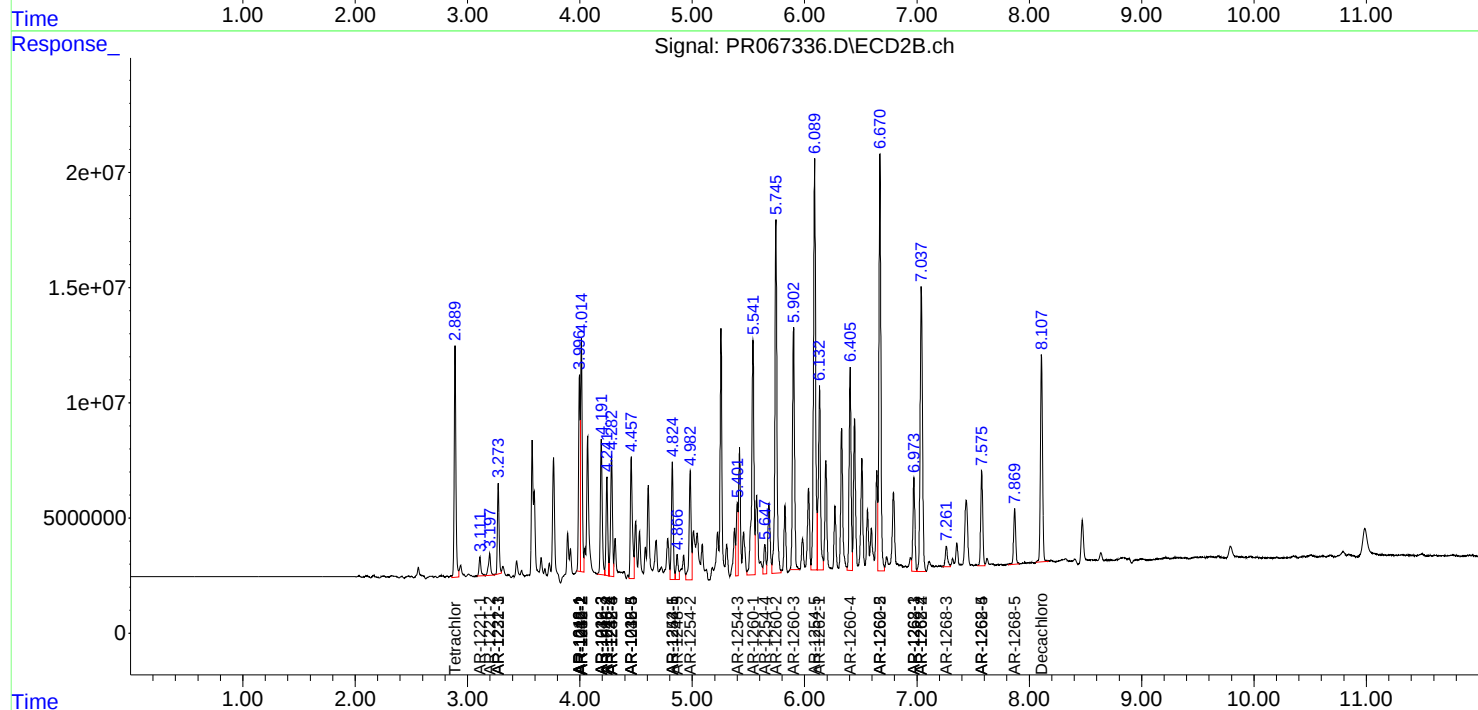
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

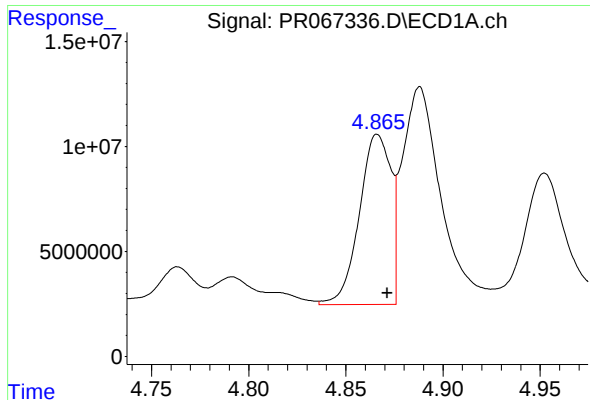
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.210	7.038	23253153	176.1E6	62.759	289.024 #
43) L9	AR-1268-3	8.435	7.261	9656086	12907311	29.680	24.132
44) L9	AR-1268-4	8.831	7.576	31498581	51464062	277.355	233.490
45) L9	AR-1268-5	9.214	7.869	16940983	30616146	20.113	20.525

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

Instrument :
ECD_R
ClientSampleId :
BH674MS

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

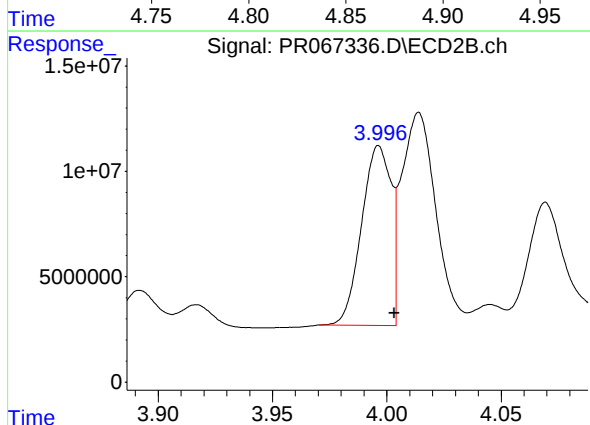




#3 AR-1016-1

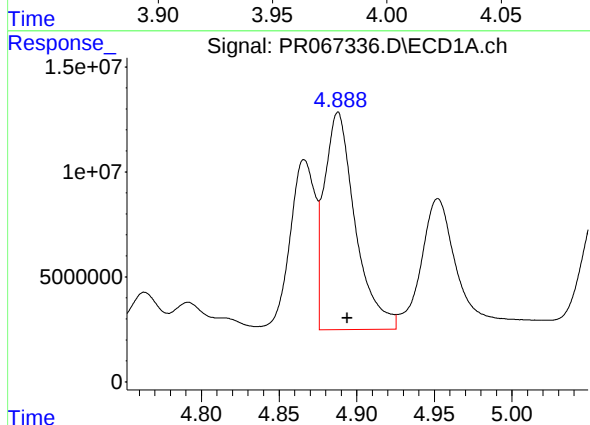
R.T.: 4.866 min
Delta R.T.: -0.005 min
Response: 91574059
Conc: 570.93 ng/ml

Instrument :
ECD_R
ClientSampleId :
BH674MS



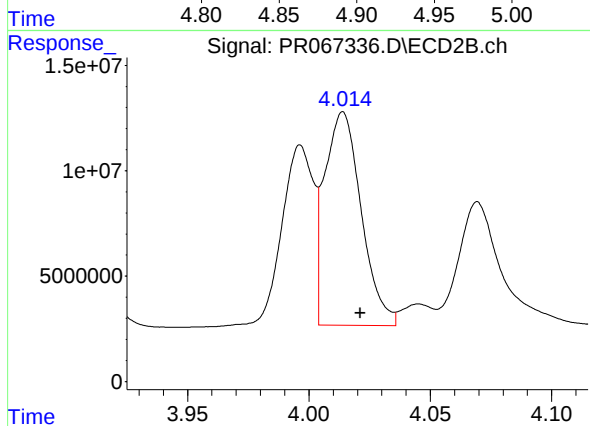
#3 AR-1016-1

R.T.: 3.997 min
Delta R.T.: -0.007 min
Response: 76400201
Conc: 508.93 ng/ml



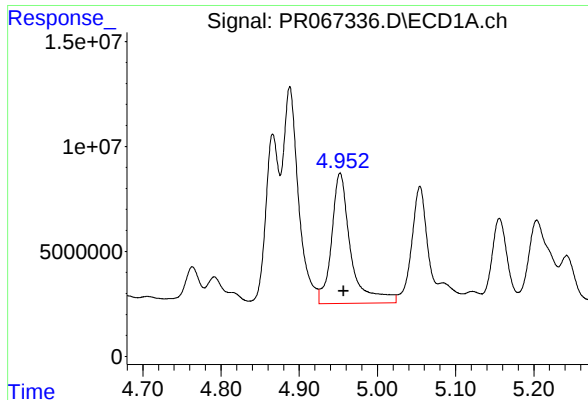
#4 AR-1016-2

R.T.: 4.888 min
Delta R.T.: -0.006 min
Response: 143807104
Conc: 560.10 ng/ml



#4 AR-1016-2

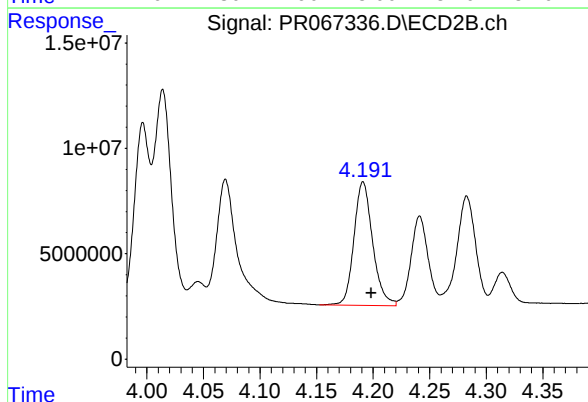
R.T.: 4.014 min
Delta R.T.: -0.007 min
Response: 106159415
Conc: 479.09 ng/ml



#5 AR-1016-3

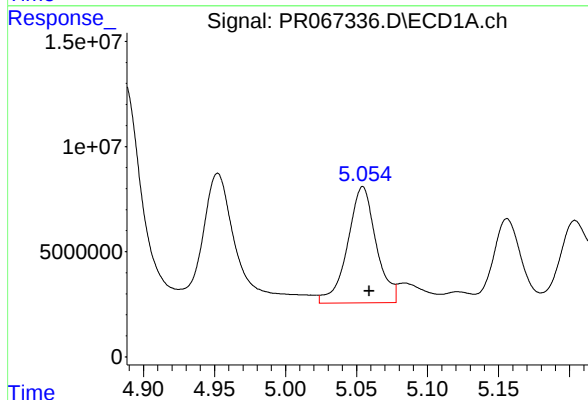
R.T.: 4.952 min
Delta R.T.: -0.005 min
Response: 106409297
Conc: 618.17 ng/ml

Instrument :
ECD_R
ClientSampleId :
BH674MS



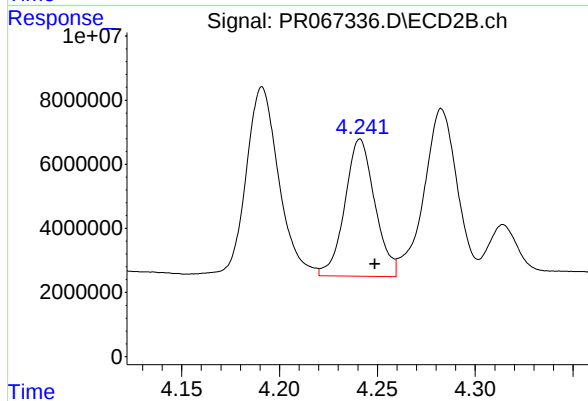
#5 AR-1016-3

R.T.: 4.191 min
Delta R.T.: -0.007 min
Response: 67737506
Conc: 549.80 ng/ml



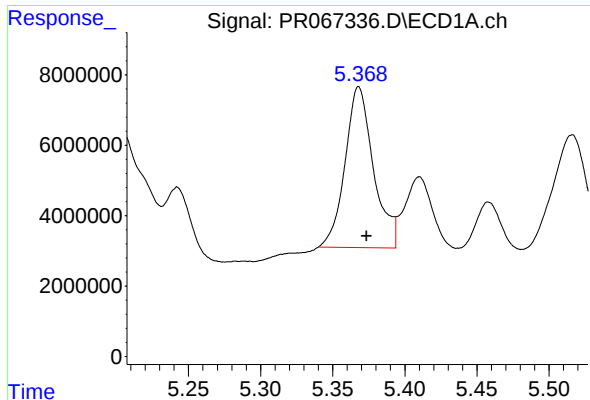
#6 AR-1016-4

R.T.: 5.054 min
Delta R.T.: -0.005 min
Response: 77337397
Conc: 583.08 ng/ml



#6 AR-1016-4

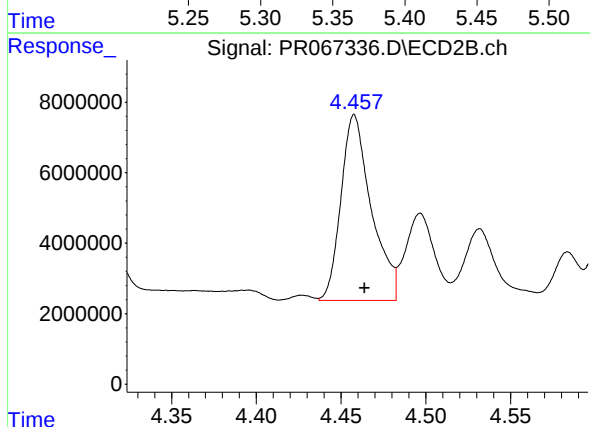
R.T.: 4.241 min
Delta R.T.: -0.008 min
Response: 45561119
Conc: 436.24 ng/ml



#7 AR-1016-5

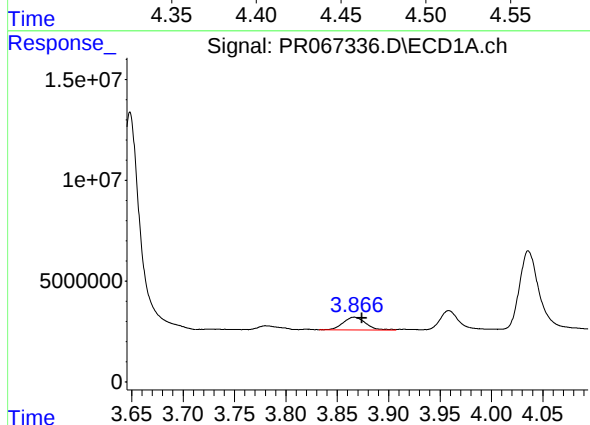
R.T.: 5.368 min
Delta R.T.: -0.006 min
Response: 62785175
Conc: 465.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
BH674MS



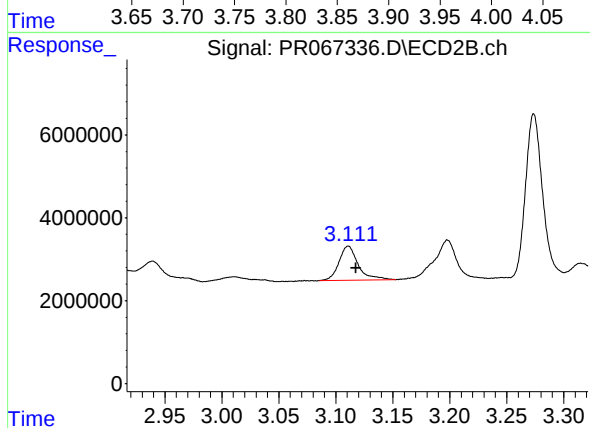
#7 AR-1016-5

R.T.: 4.458 min
Delta R.T.: -0.006 min
Response: 65600965
Conc: 495.31 ng/ml



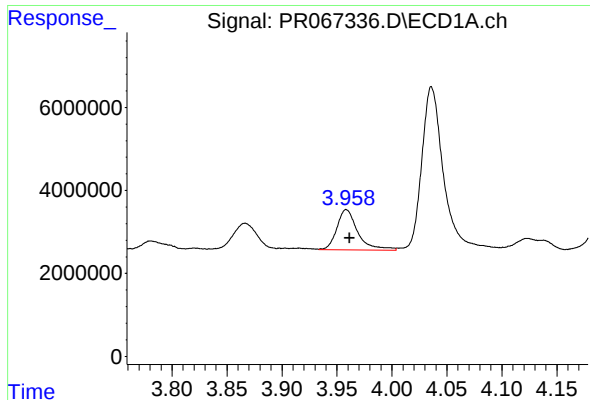
#8 AR-1221-1

R.T.: 3.866 min
Delta R.T.: -0.007 min
Response: 9647861
Conc: 147.86 ng/ml



#8 AR-1221-1

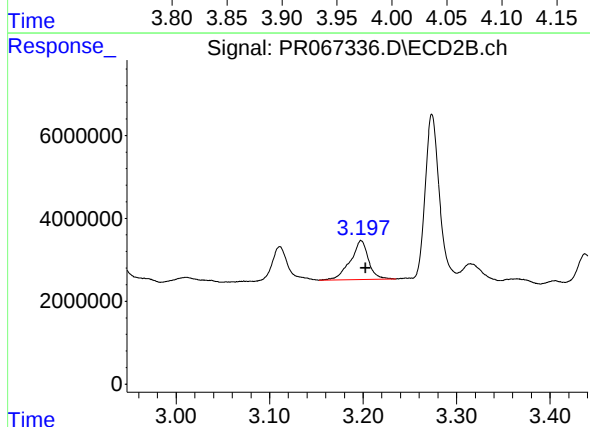
R.T.: 3.111 min
Delta R.T.: -0.007 min
Response: 9634992
Conc: 173.50 ng/ml



#9 AR-1221-2

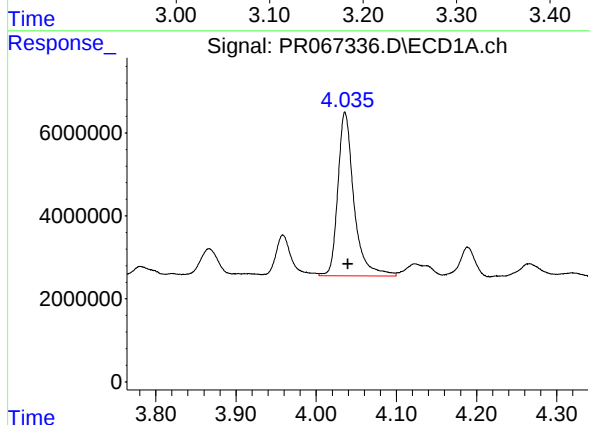
R.T.: 3.959 min
Delta R.T.: -0.003 min
Response: 12868163
Conc: 275.70 ng/ml

Instrument :
ECD_R
ClientSampleId :
BH674MS



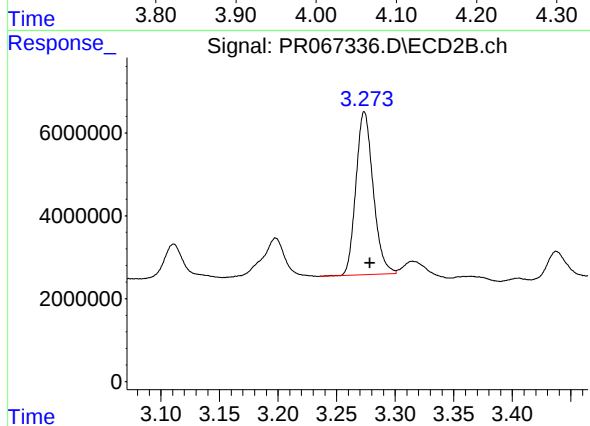
#9 AR-1221-2

R.T.: 3.198 min
Delta R.T.: -0.005 min
Response: 12718109
Conc: 317.73 ng/ml



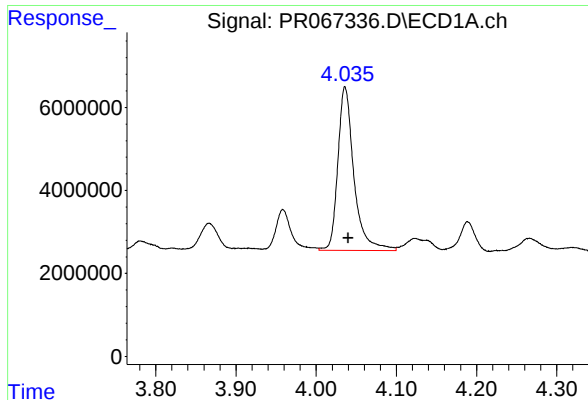
#10 AR-1221-3

R.T.: 4.036 min
Delta R.T.: -0.003 min
Response: 55003103
Conc: 364.58 ng/ml



#10 AR-1221-3

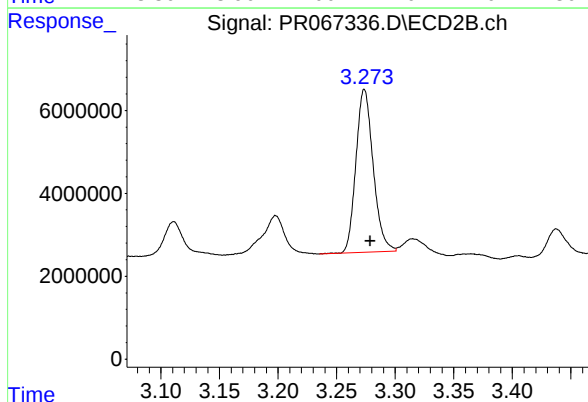
R.T.: 3.274 min
Delta R.T.: -0.005 min
Response: 40366615
Conc: 319.90 ng/ml



#11 AR-1232-1

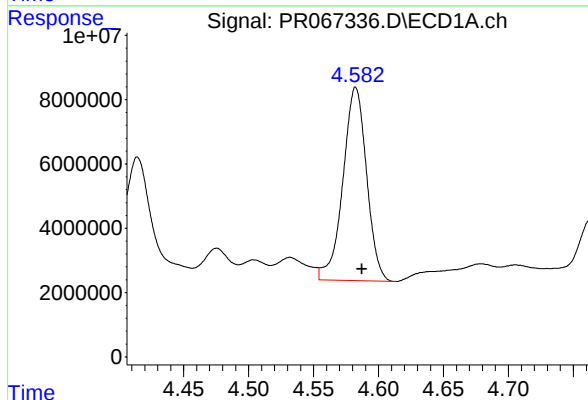
R.T.: 4.036 min
Delta R.T.: -0.004 min
Response: 55003103
Conc: 433.50 ng/ml

Instrument :
ECD_R
ClientSampleId :
BH674MS



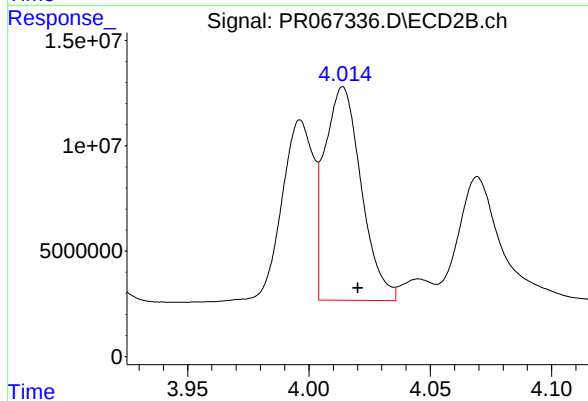
#11 AR-1232-1

R.T.: 3.274 min
Delta R.T.: -0.005 min
Response: 40366615
Conc: 377.18 ng/ml



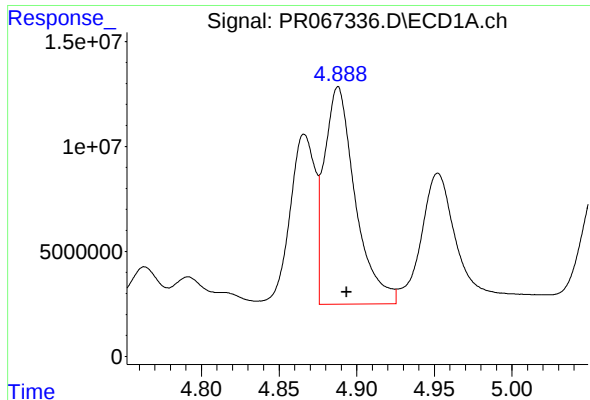
#12 AR-1232-2

R.T.: 4.582 min
Delta R.T.: -0.005 min
Response: 76263344
Conc: 1073.37 ng/ml



#12 AR-1232-2

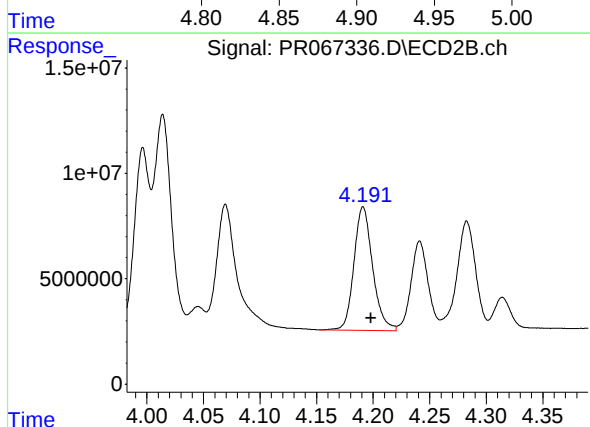
R.T.: 4.014 min
Delta R.T.: -0.006 min
Response: 106159415
Conc: 1024.67 ng/ml



#13 AR-1232-3

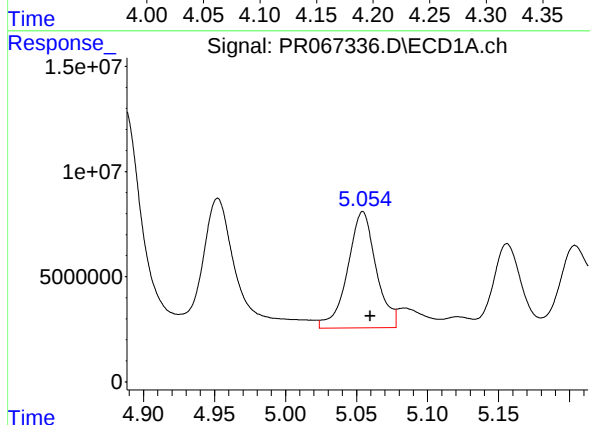
R.T.: 4.888 min
Delta R.T.: -0.006 min
Response: 143807104
Conc: 1258.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
BH674MS



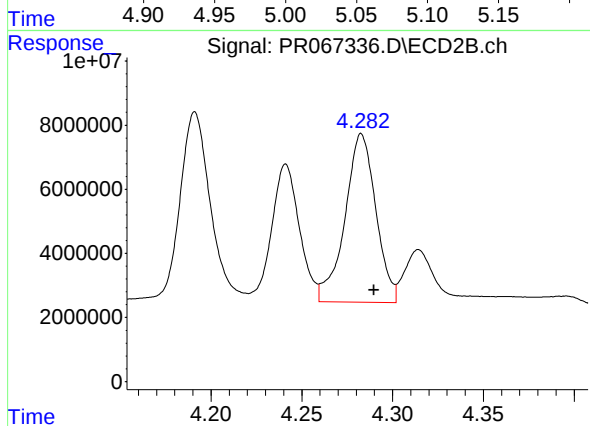
#13 AR-1232-3

R.T.: 4.191 min
Delta R.T.: -0.007 min
Response: 67737506
Conc: 1224.95 ng/ml



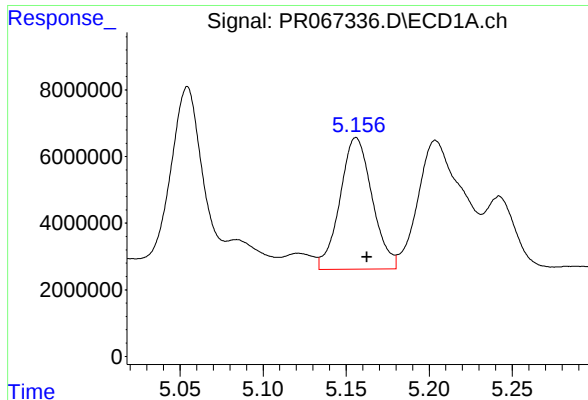
#14 AR-1232-4

R.T.: 5.054 min
Delta R.T.: -0.005 min
Response: 77337397
Conc: 1336.35 ng/ml



#14 AR-1232-4

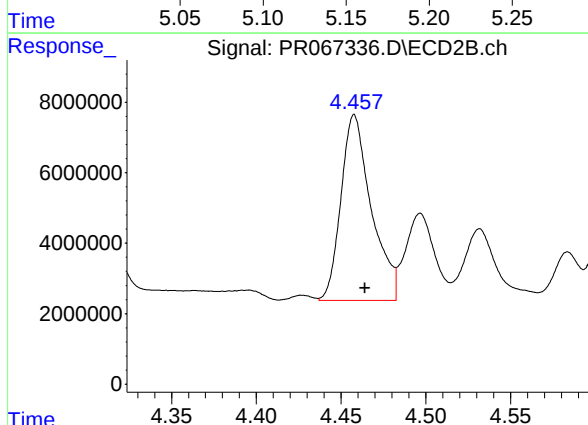
R.T.: 4.283 min
Delta R.T.: -0.007 min
Response: 62252875
Conc: 1217.75 ng/ml



#15 AR-1232-5

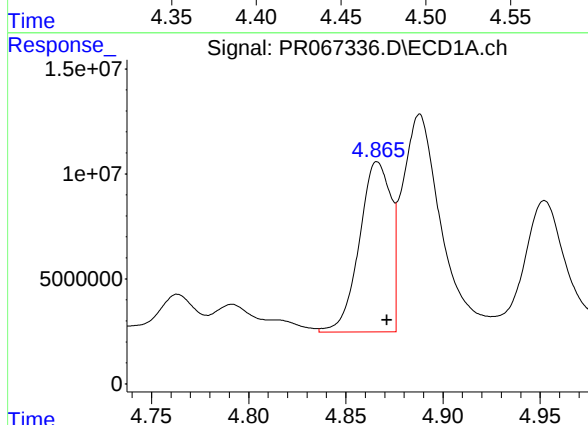
R.T.: 5.156 min
Delta R.T.: -0.007 min
Response: 53295846
Conc: 1197.56 ng/ml

Instrument :
ECD_R
ClientSampleId :
BH674MS



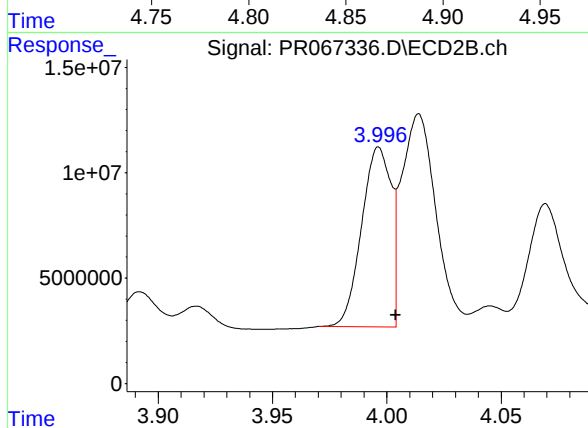
#15 AR-1232-5

R.T.: 4.458 min
Delta R.T.: -0.006 min
Response: 65600965
Conc: 1184.40 ng/ml



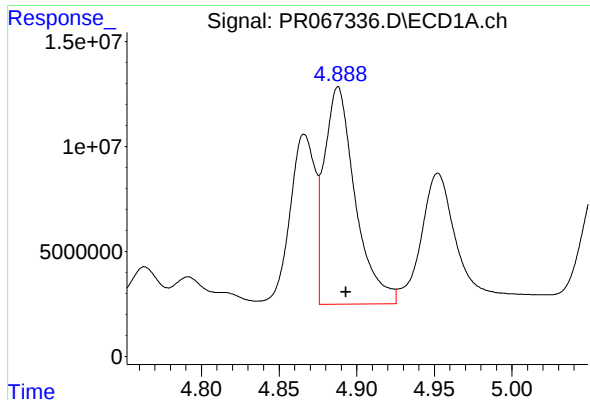
#16 AR-1242-1

R.T.: 4.866 min
Delta R.T.: -0.005 min
Response: 91574059
Conc: 742.41 ng/ml



#16 AR-1242-1

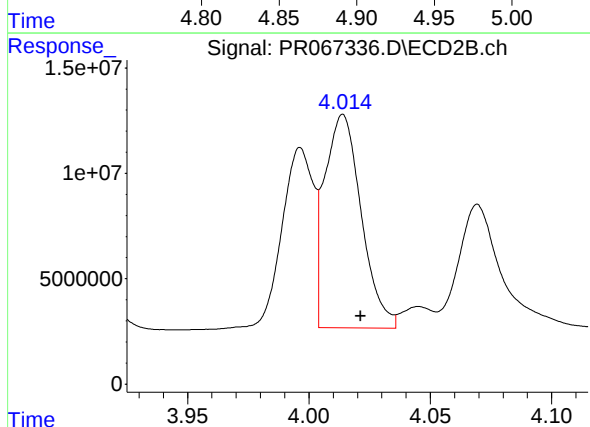
R.T.: 3.997 min
Delta R.T.: -0.007 min
Response: 76400201
Conc: 643.17 ng/ml



#17 AR-1242-2

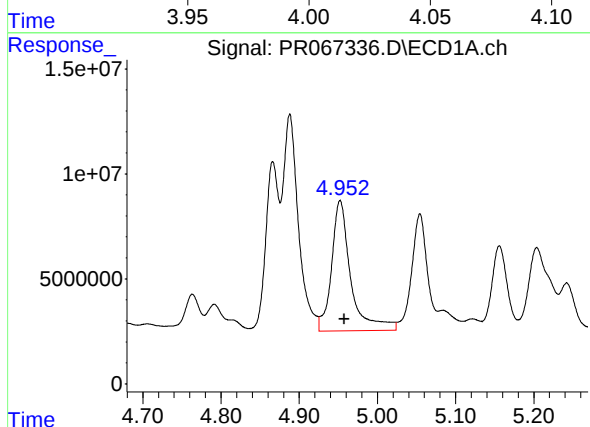
R.T.: 4.888 min
Delta R.T.: -0.005 min
Response: 143807104
Conc: 731.74 ng/ml

Instrument :
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ClientSampleId :
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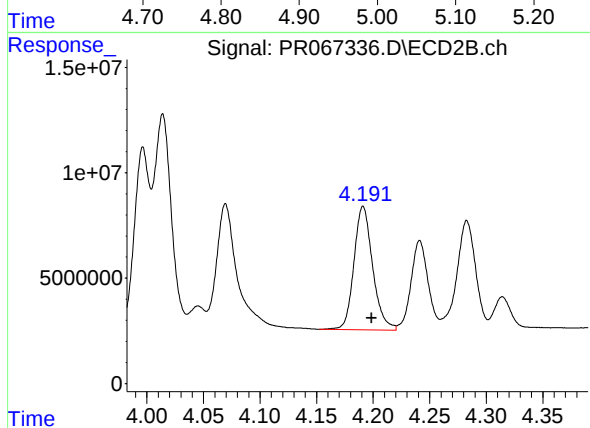
#17 AR-1242-2

R.T.: 4.014 min
Delta R.T.: -0.007 min
Response: 106159415
Conc: 598.52 ng/ml



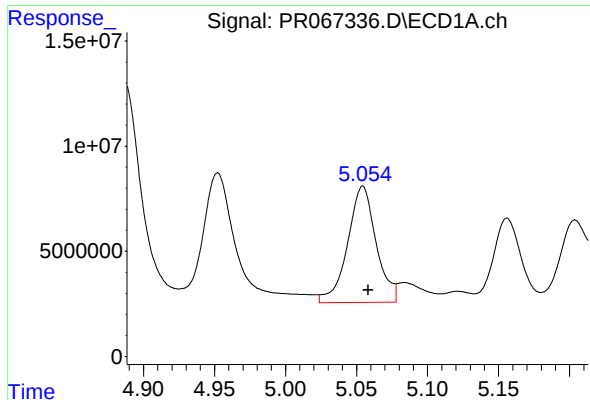
#18 AR-1242-3

R.T.: 4.952 min
Delta R.T.: -0.005 min
Response: 106409297
Conc: 793.28 ng/ml



#18 AR-1242-3

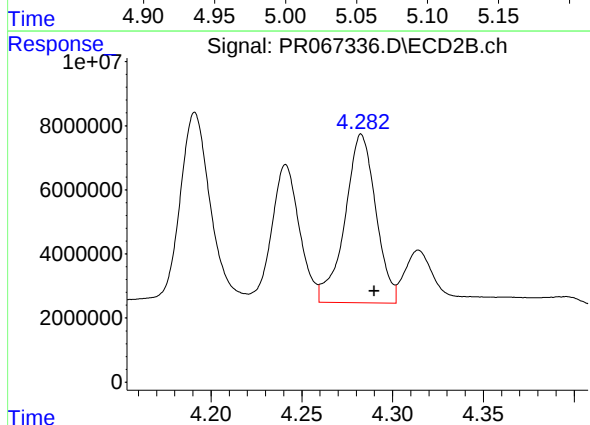
R.T.: 4.191 min
Delta R.T.: -0.007 min
Response: 67737506
Conc: 689.65 ng/ml



#19 AR-1242-4

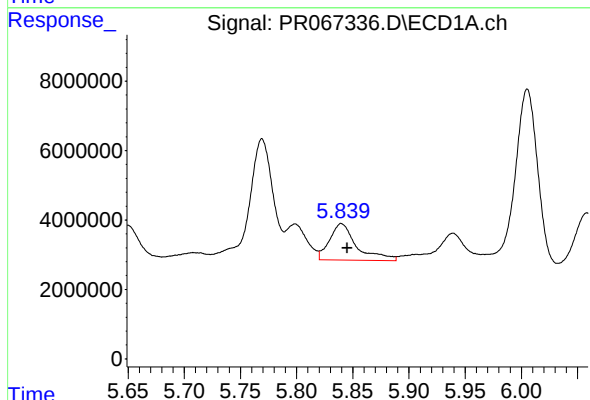
R.T.: 5.054 min
Delta R.T.: -0.004 min
Response: 77337397
Conc: 747.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
BH674MS



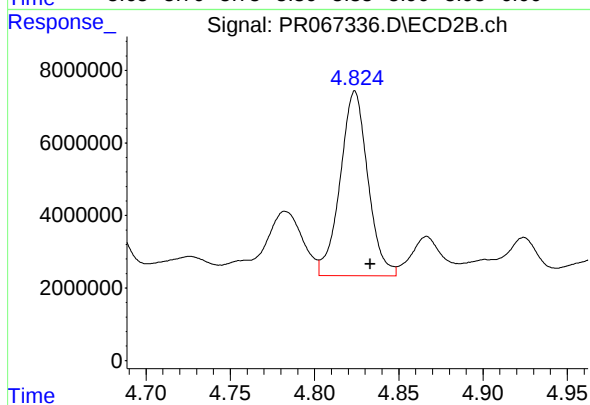
#19 AR-1242-4

R.T.: 4.283 min
Delta R.T.: -0.007 min
Response: 62252875
Conc: 628.50 ng/ml



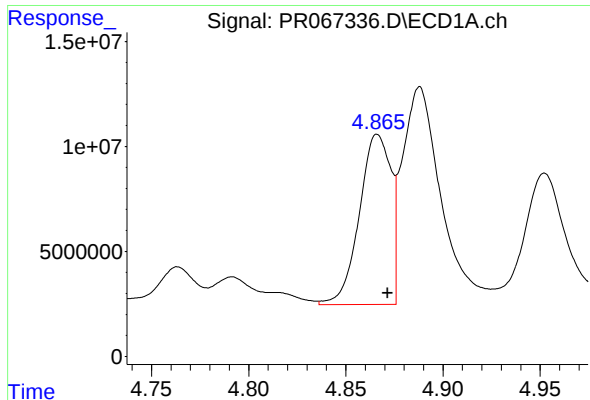
#20 AR-1242-5

R.T.: 5.840 min
Delta R.T.: -0.005 min
Response: 17680422
Conc: 168.05 ng/ml



#20 AR-1242-5

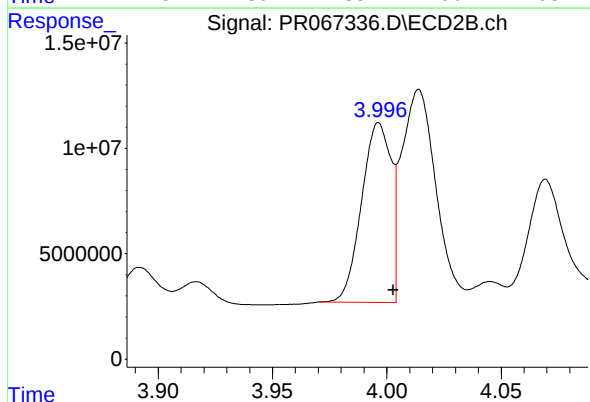
R.T.: 4.824 min
Delta R.T.: -0.009 min
Response: 58268397
Conc: 494.54 ng/ml



#21 AR-1248-1

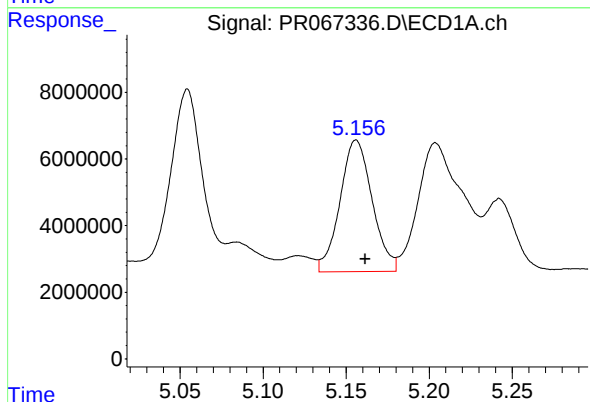
R.T.: 4.866 min
Delta R.T.: -0.005 min
Response: 91574059
Conc: 1007.71 ng/ml

Instrument :
ECD_R
ClientSampleId :
BH674MS



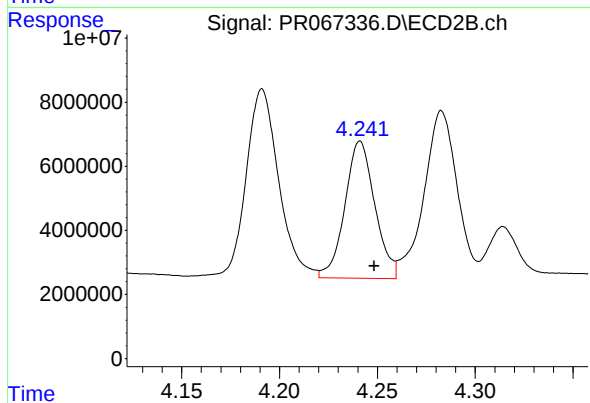
#21 AR-1248-1

R.T.: 3.997 min
Delta R.T.: -0.006 min
Response: 76400201
Conc: 844.90 ng/ml



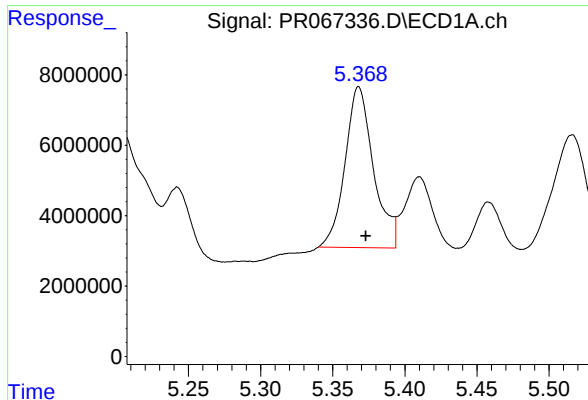
#22 AR-1248-2

R.T.: 5.156 min
Delta R.T.: -0.006 min
Response: 53295846
Conc: 358.02 ng/ml



#22 AR-1248-2

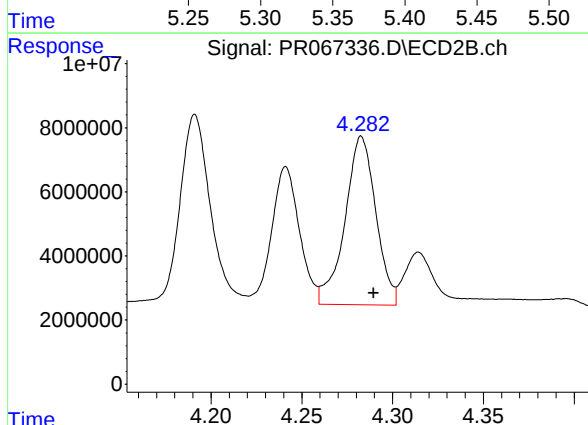
R.T.: 4.241 min
Delta R.T.: -0.007 min
Response: 45561119
Conc: 326.00 ng/ml



#23 AR-1248-3

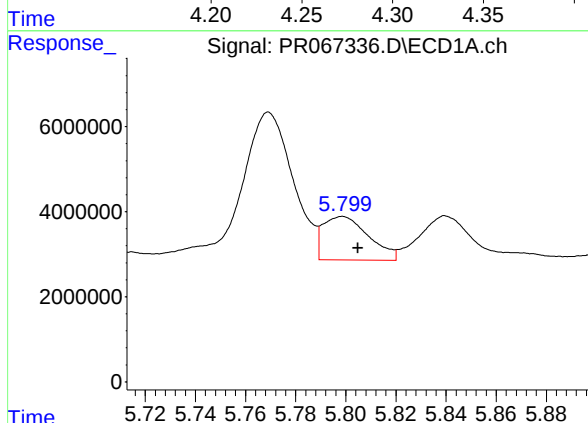
R.T.: 5.368 min
Delta R.T.: -0.005 min
Response: 62785175
Conc: 367.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
BH674MS



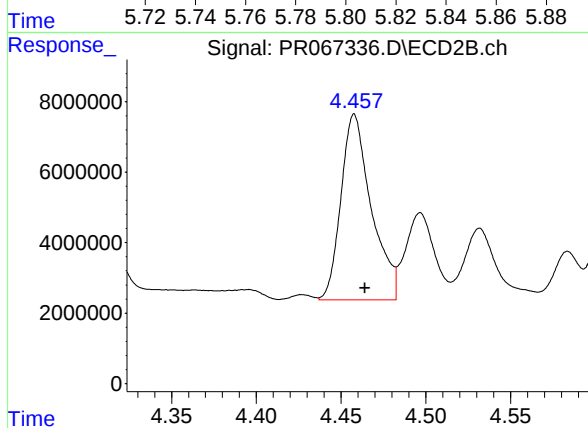
#23 AR-1248-3

R.T.: 4.283 min
Delta R.T.: -0.007 min
Response: 62252875
Conc: 445.17 ng/ml



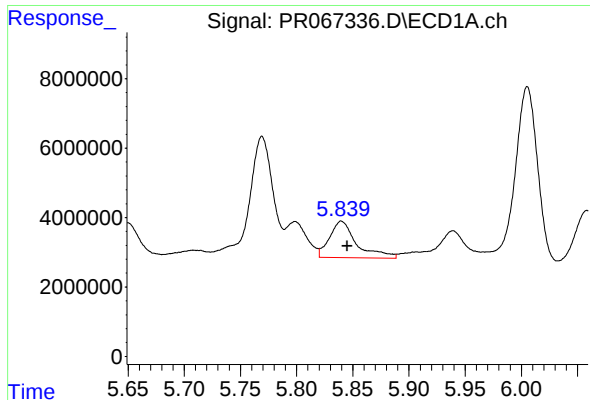
#24 AR-1248-4

R.T.: 5.799 min
Delta R.T.: -0.006 min
Response: 12837347
Conc: 81.41 ng/ml



#24 AR-1248-4

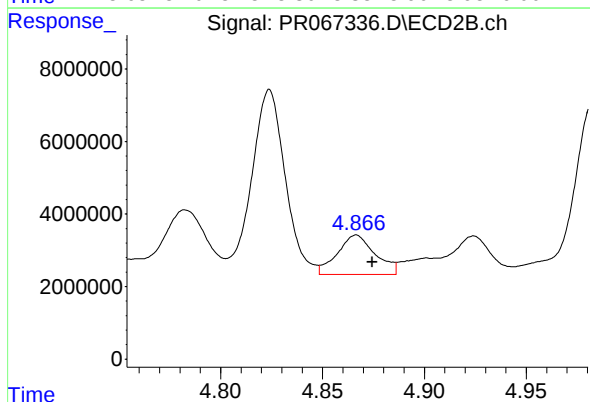
R.T.: 4.458 min
Delta R.T.: -0.006 min
Response: 65600965
Conc: 391.55 ng/ml



#25 AR-1248-5

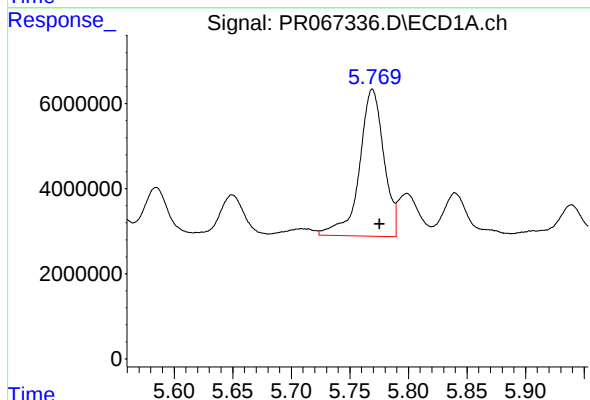
R.T.: 5.840 min
Delta R.T.: -0.005 min
Response: 17680422
Conc: 99.28 ng/ml

Instrument :
ECD_R
ClientSampleId :
BH674MS



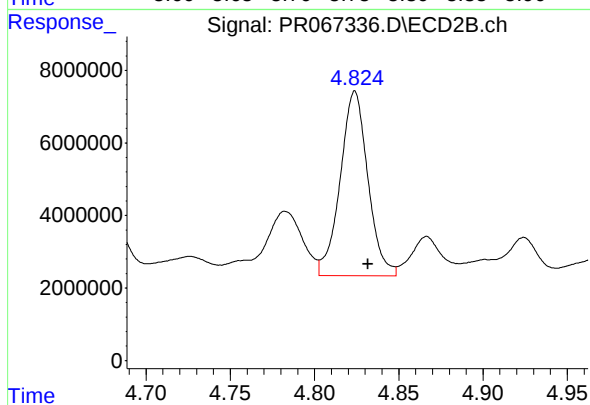
#25 AR-1248-5

R.T.: 4.867 min
Delta R.T.: -0.008 min
Response: 14080128
Conc: 91.14 ng/ml



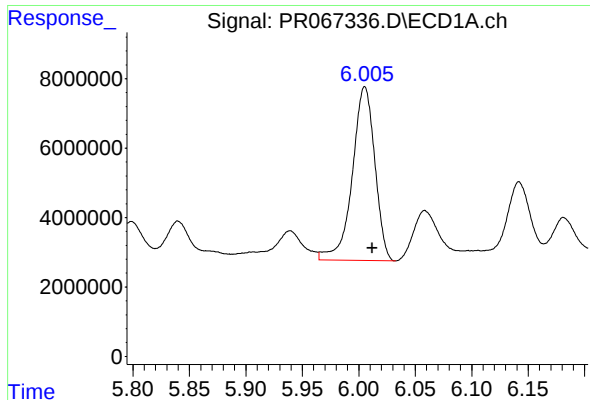
#26 AR-1254-1

R.T.: 5.769 min
Delta R.T.: -0.006 min
Response: 50120059
Conc: 262.92 ng/ml



#26 AR-1254-1

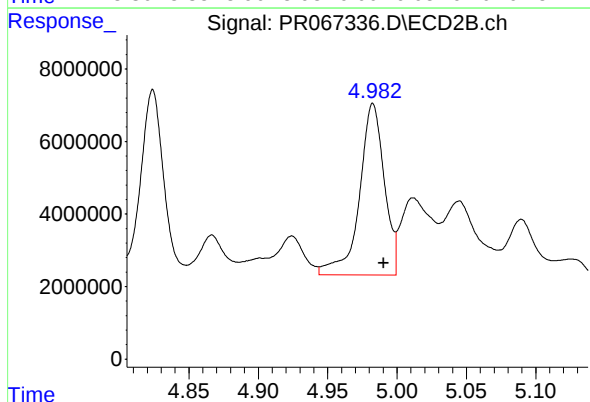
R.T.: 4.824 min
Delta R.T.: -0.008 min
Response: 58268397
Conc: 238.54 ng/ml



#27 AR-1254-2

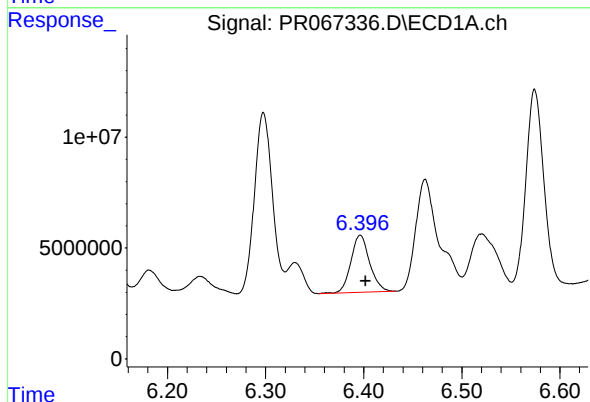
R.T.: 6.005 min
Delta R.T.: -0.007 min
Response: 69532473
Conc: 247.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
BH674MS



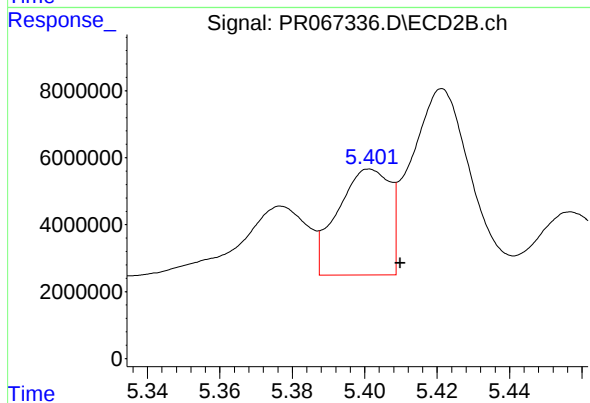
#27 AR-1254-2

R.T.: 4.983 min
Delta R.T.: -0.008 min
Response: 58987715
Conc: 272.49 ng/ml



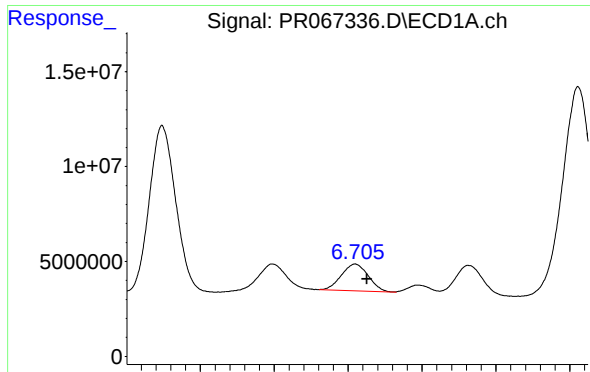
#28 AR-1254-3

R.T.: 6.397 min
Delta R.T.: -0.006 min
Response: 34291396
Conc: 127.93 ng/ml



#28 AR-1254-3

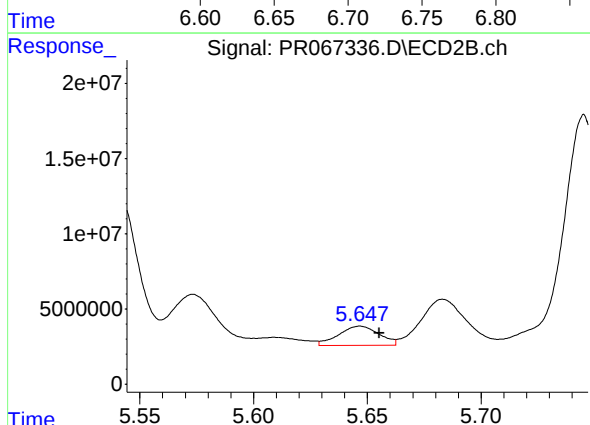
R.T.: 5.401 min
Delta R.T.: -0.008 min
Response: 31638937
Conc: 93.02 ng/ml



#29 AR-1254-4

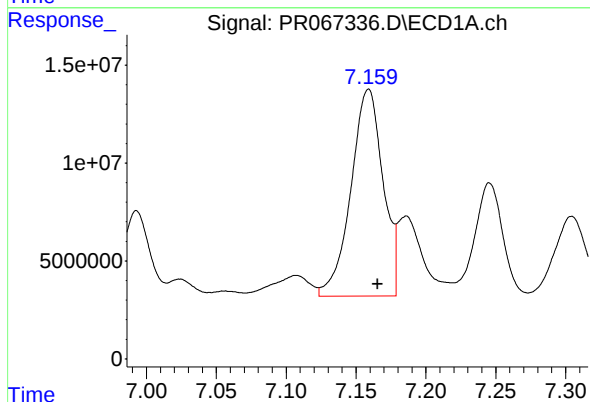
R.T.: 6.705 min
Delta R.T.: -0.008 min
Response: 17817868
Conc: 110.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
BH674MS



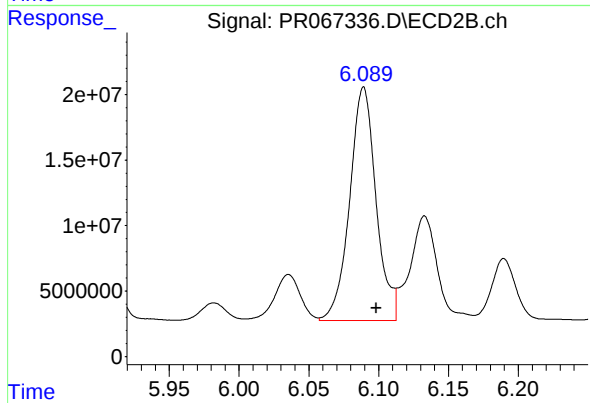
#29 AR-1254-4

R.T.: 5.647 min
Delta R.T.: -0.008 min
Response: 15895295
Conc: 81.00 ng/ml



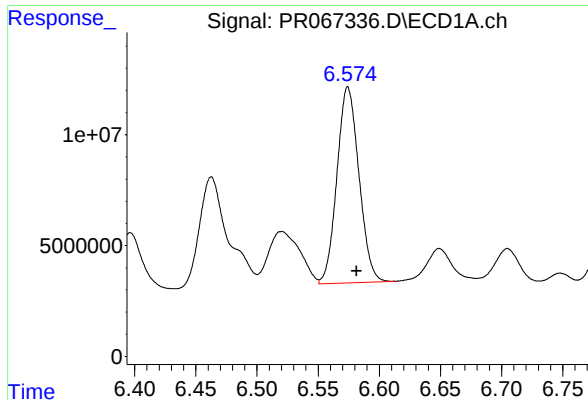
#30 AR-1254-5

R.T.: 7.159 min
Delta R.T.: -0.007 min
Response: 169057734
Conc: 880.48 ng/ml



#30 AR-1254-5

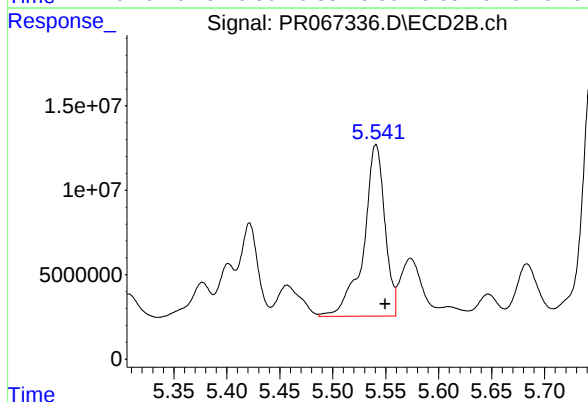
R.T.: 6.089 min
Delta R.T.: -0.009 min
Response: 234531127
Conc: 761.54 ng/ml



#31 AR-1260-1

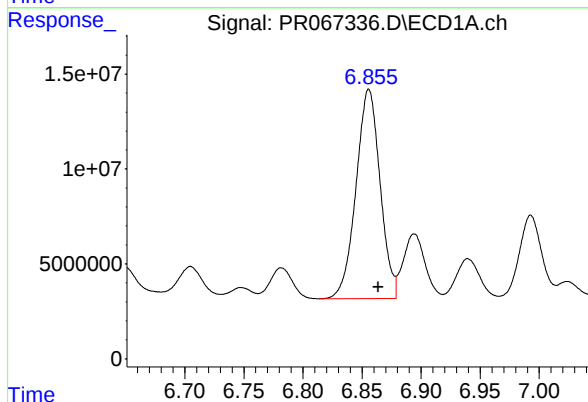
R.T.: 6.574 min
Delta R.T.: -0.007 min
Response: 110866013
Conc: 454.66 ng/ml

Instrument :
ECD_R
ClientSampleId :
BH674MS



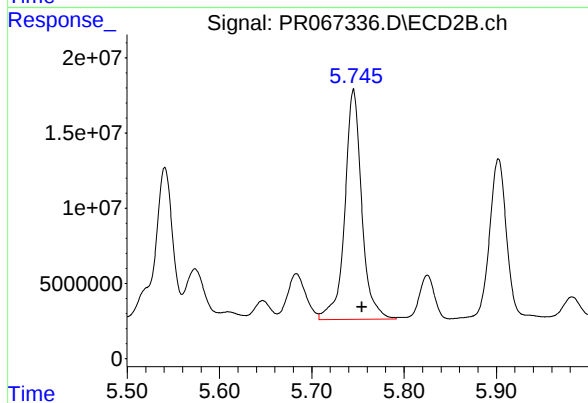
#31 AR-1260-1

R.T.: 5.541 min
Delta R.T.: -0.009 min
Response: 142441787
Conc: 546.73 ng/ml



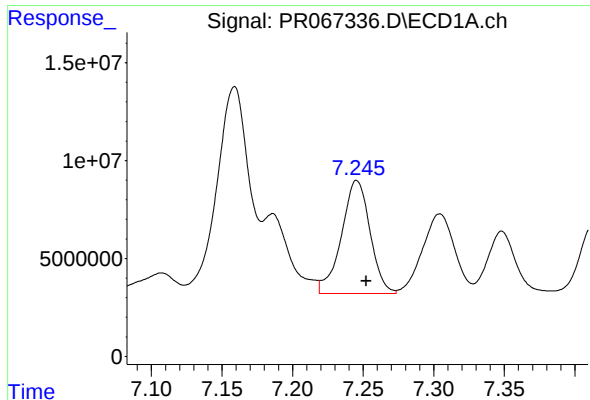
#32 AR-1260-2

R.T.: 6.856 min
Delta R.T.: -0.008 min
Response: 156251720
Conc: 603.53 ng/ml



#32 AR-1260-2

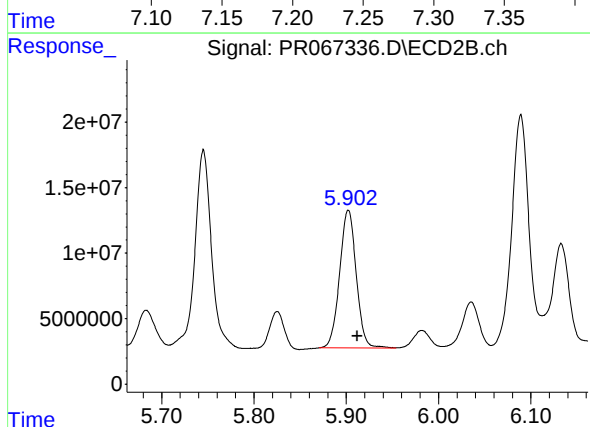
R.T.: 5.745 min
Delta R.T.: -0.009 min
Response: 194818449
Conc: 635.38 ng/ml



#33 AR-1260-3

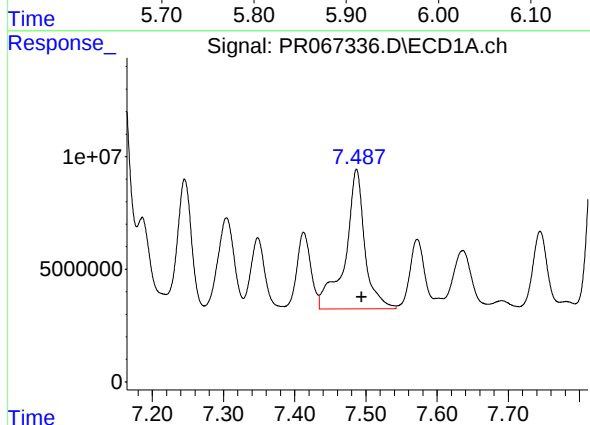
R.T.: 7.245 min
Delta R.T.: -0.007 min
Response: 81390447
Conc: 409.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
BH674MS



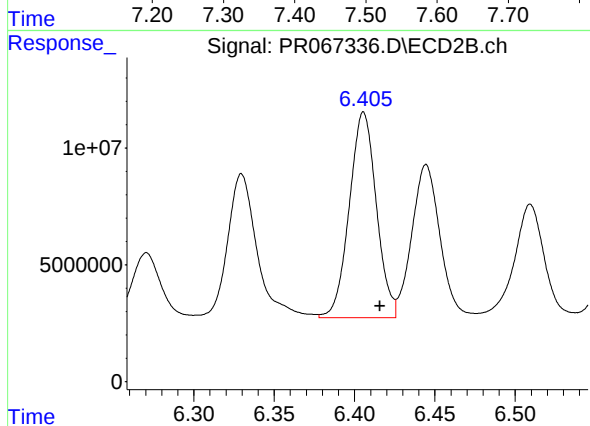
#33 AR-1260-3

R.T.: 5.902 min
Delta R.T.: -0.010 min
Response: 131363184
Conc: 448.13 ng/ml



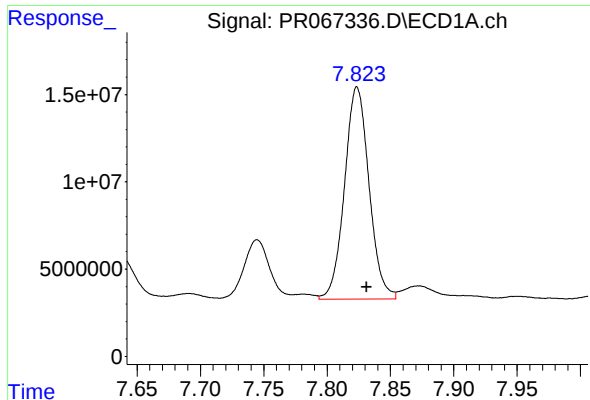
#34 AR-1260-4

R.T.: 7.487 min
Delta R.T.: -0.007 min
Response: 118303190
Conc: 566.36 ng/ml



#34 AR-1260-4

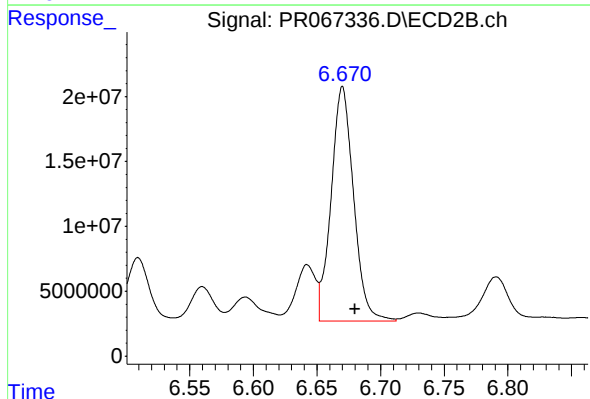
R.T.: 6.406 min
Delta R.T.: -0.010 min
Response: 103288956
Conc: 413.09 ng/ml



#35 AR-1260-5

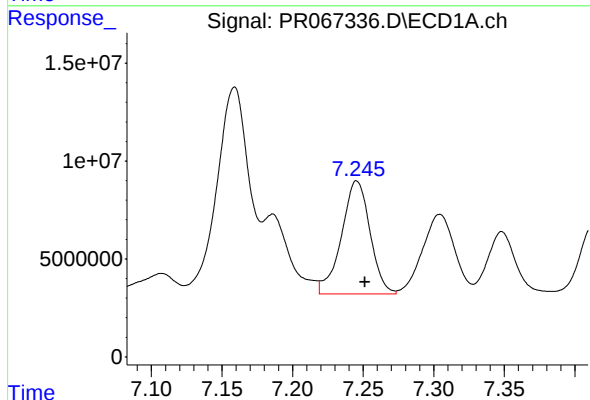
R.T.: 7.824 min
Delta R.T.: -0.008 min
Response: 163963212
Conc: 479.02 ng/ml

Instrument :
ECD_R
ClientSampleId :
BH674MS



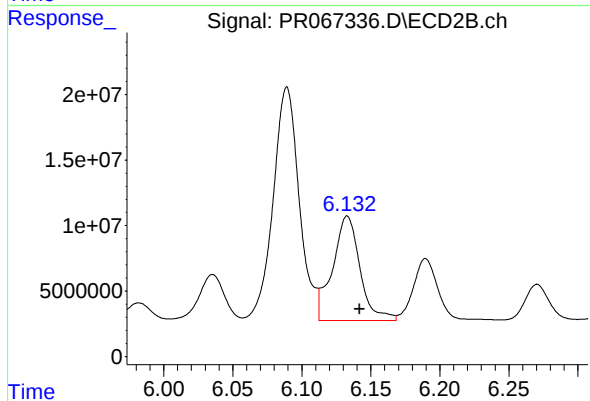
#35 AR-1260-5

R.T.: 6.670 min
Delta R.T.: -0.010 min
Response: 221902534
Conc: 406.50 ng/ml



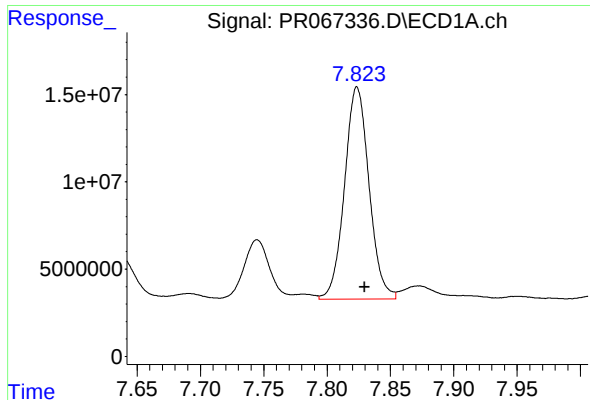
#36 AR-1262-1

R.T.: 7.245 min
Delta R.T.: -0.006 min
Response: 81390447
Conc: 314.52 ng/ml



#36 AR-1262-1

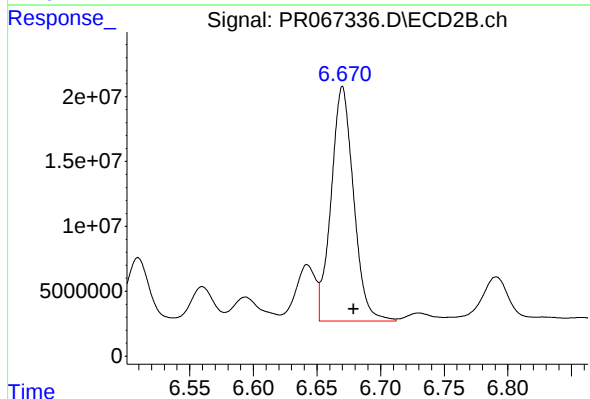
R.T.: 6.133 min
Delta R.T.: -0.009 min
Response: 110347375
Conc: 332.91 ng/ml



#37 AR-1262-2

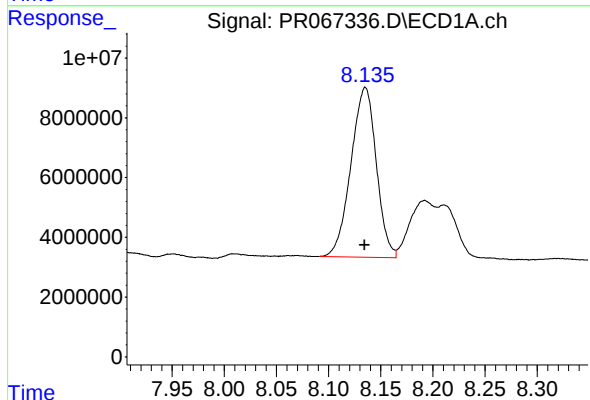
R.T.: 7.824 min
Delta R.T.: -0.006 min
Response: 163963212
Conc: 472.75 ng/ml

Instrument :
ECD_R
ClientSampleId :
BH674MS



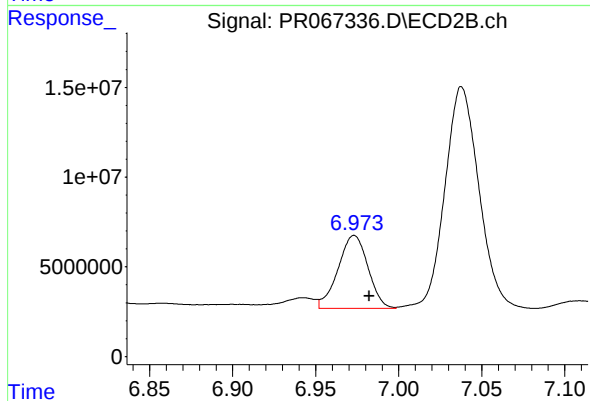
#37 AR-1262-2

R.T.: 6.670 min
Delta R.T.: -0.009 min
Response: 221902534
Conc: 398.70 ng/ml



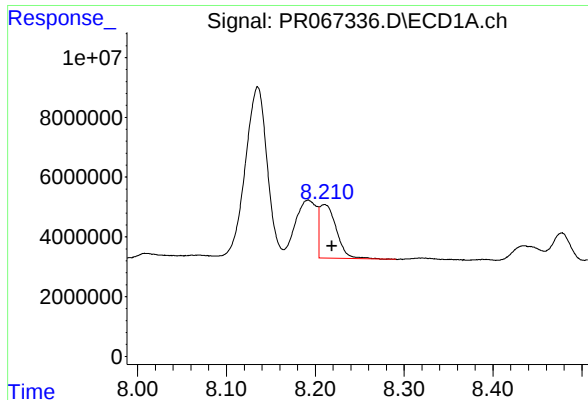
#38 AR-1262-3

R.T.: 8.135 min
Delta R.T.: 0.000 min
Response: 96099493
Conc: 421.35 ng/ml



#38 AR-1262-3

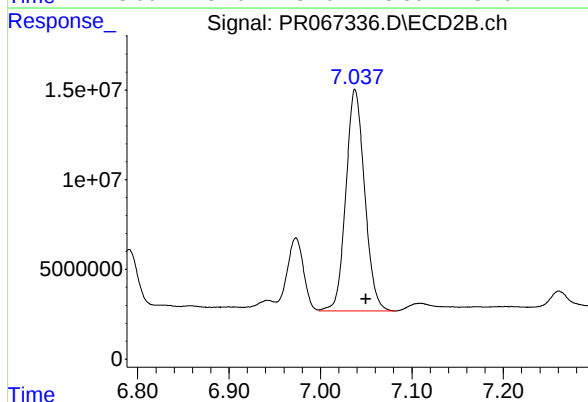
R.T.: 6.973 min
Delta R.T.: -0.009 min
Response: 50903831
Conc: 213.28 ng/ml



#39 AR-1262-4

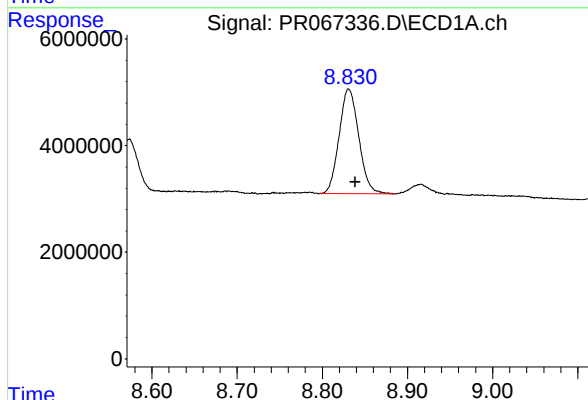
R.T.: 8.210 min
Delta R.T.: -0.008 min
Response: 23253153
Conc: 128.83 ng/ml

Instrument :
ECD_R
ClientSampleId :
BH674MS



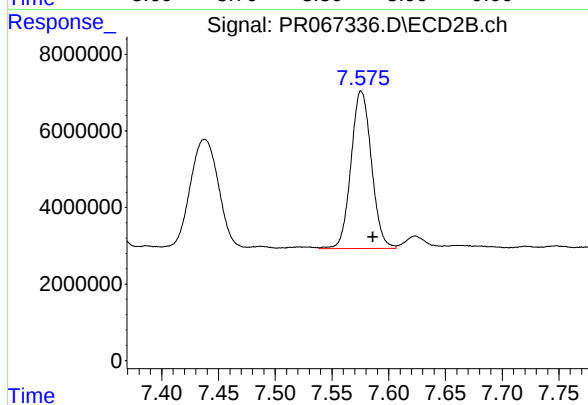
#39 AR-1262-4

R.T.: 7.038 min
Delta R.T.: -0.012 min
Response: 176148580
Conc: 412.80 ng/ml



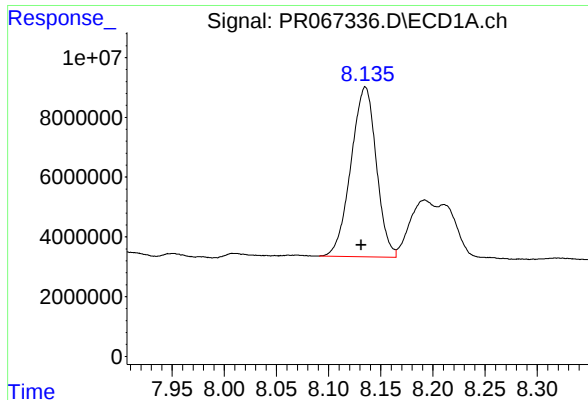
#40 AR-1262-5

R.T.: 8.831 min
Delta R.T.: -0.008 min
Response: 31498581
Conc: 307.49 ng/ml



#40 AR-1262-5

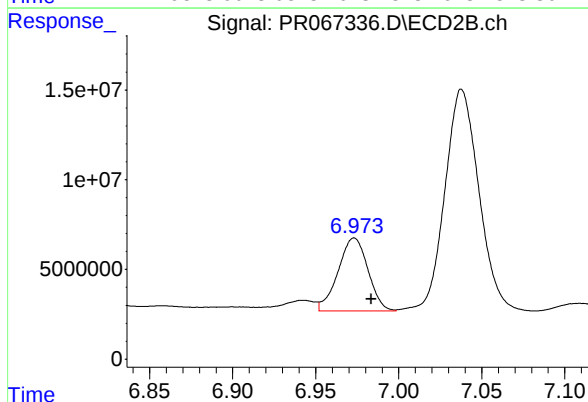
R.T.: 7.576 min
Delta R.T.: -0.010 min
Response: 51464062
Conc: 262.74 ng/ml



#41 AR-1268-1

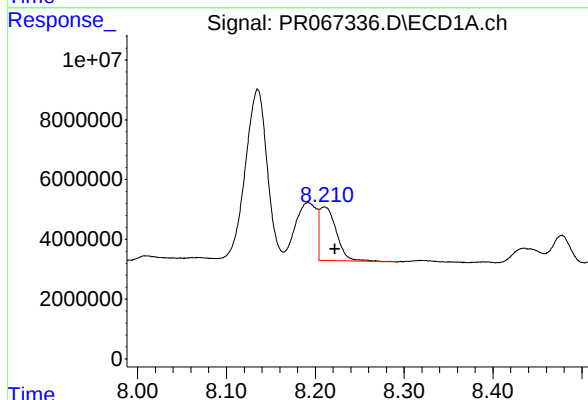
R.T.: 8.135 min
Delta R.T.: 0.004 min
Response: 96099493
Conc: 231.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
BH674MS



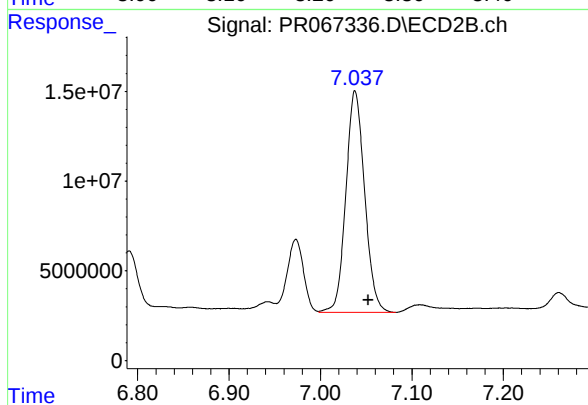
#41 AR-1268-1

R.T.: 6.973 min
Delta R.T.: -0.010 min
Response: 50903831
Conc: 76.50 ng/ml



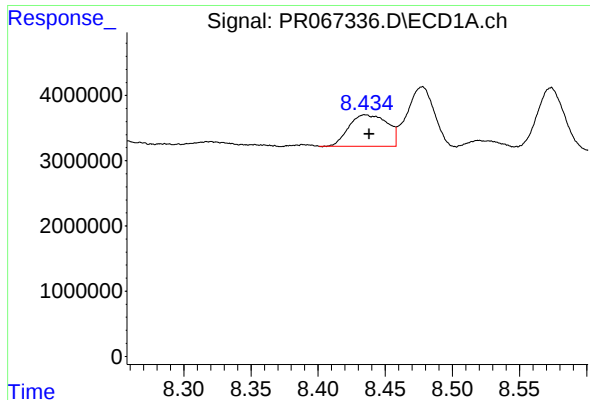
#42 AR-1268-2

R.T.: 8.210 min
Delta R.T.: -0.012 min
Response: 23253153
Conc: 62.76 ng/ml



#42 AR-1268-2

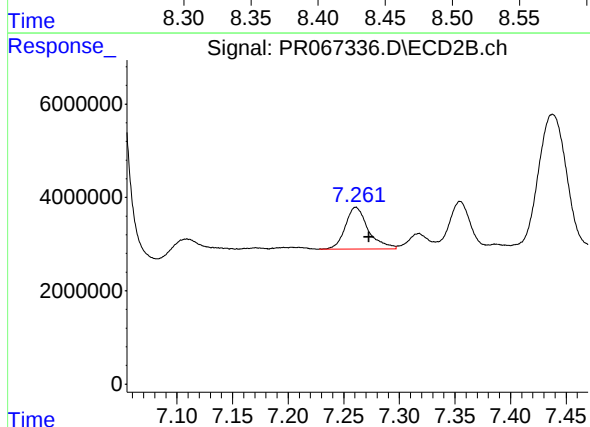
R.T.: 7.038 min
Delta R.T.: -0.014 min
Response: 176148580
Conc: 289.02 ng/ml



#43 AR-1268-3

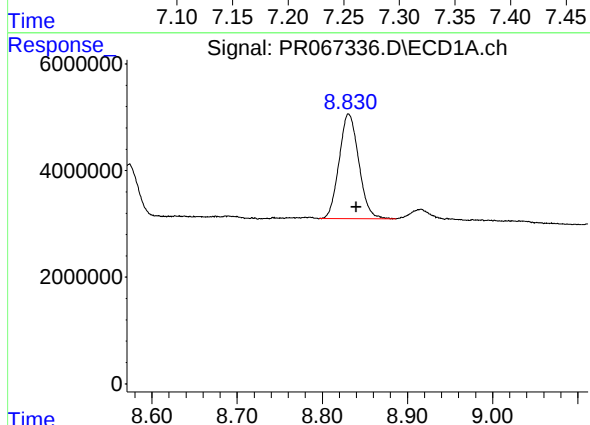
R.T.: 8.435 min
Delta R.T.: -0.003 min
Response: 9656086
Conc: 29.68 ng/ml

Instrument :
ECD_R
ClientSampleId :
BH674MS



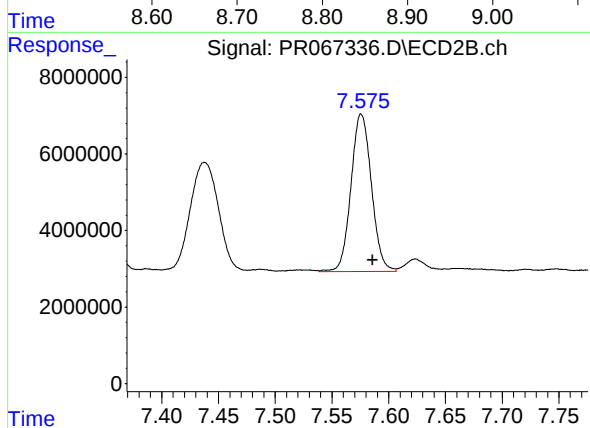
#43 AR-1268-3

R.T.: 7.261 min
Delta R.T.: -0.012 min
Response: 12907311
Conc: 24.13 ng/ml



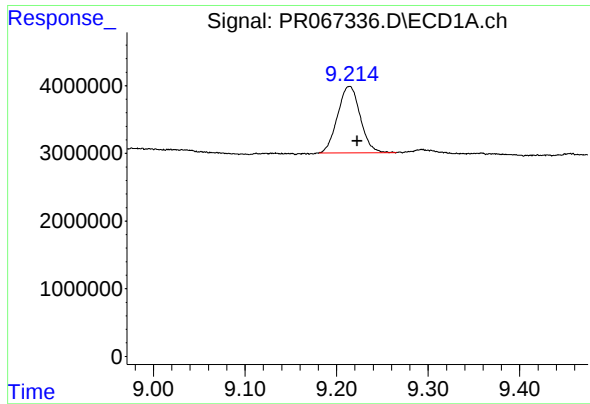
#44 AR-1268-4

R.T.: 8.831 min
Delta R.T.: -0.009 min
Response: 31498581
Conc: 277.36 ng/ml



#44 AR-1268-4

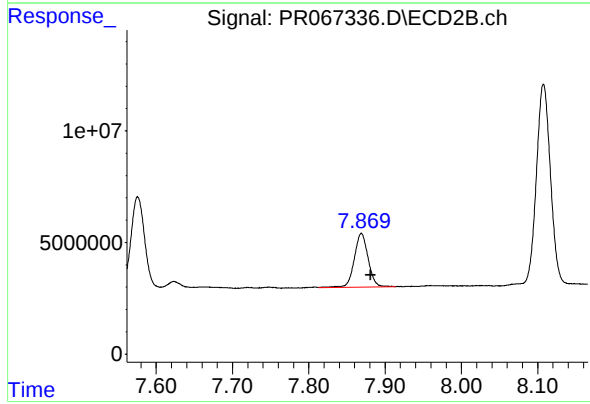
R.T.: 7.576 min
Delta R.T.: -0.010 min
Response: 51464062
Conc: 233.49 ng/ml



#45 AR-1268-5

R.T.: 9.214 min
Delta R.T.: -0.008 min
Response: 16940983
Conc: 20.11 ng/ml

Instrument :
ECD_R
ClientSampleId :
BH674MS



#45 AR-1268-5

R.T.: 7.869 min
Delta R.T.: -0.012 min
Response: 30616146
Conc: 20.52 ng/ml