

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR052624\
 Data File : PR067034-1.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 May 2024 19:10
 Operator : AJ\MA
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 27 02:31:05 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...	3.650	2.892	120.6E6	93193061	19.653	20.016
2) SA Decachlor...	9.529	8.115	52587297	82897256	40.500	37.233
Target Compounds						
3) L1 AR-1016-1	4.868	3.999	66147589	63323858	412.402	421.826
4) L1 AR-1016-2	4.890	4.017	104.7E6	93552147	407.868	422.190
5) L1 AR-1016-3	4.955	4.194	68922025	51332074	400.395	416.643
6) L1 AR-1016-4	5.057	4.246	53530640	41909890	403.587	401.281
7) L1 AR-1016-5	5.371	4.460	53307667	54184295	394.980	409.107
8) L2 AR-1221-1	3.869	3.114	7832070	6935017	120.033	124.881
9) L2 AR-1221-2	3.960	3.201	10372010	8860892	222.221	221.366
10) L2 AR-1221-3	4.038	3.276	43876155	36438378	290.824	288.766
11) L3 AR-1232-1	4.038	3.276	43876155	36438378	345.804	340.479
12) L3 AR-1232-2	4.584	4.017	58065890	93552147	817.250	902.979
13) L3 AR-1232-3	4.890	4.194	104.7E6	51332074	916.493	928.276
14) L3 AR-1232-4	5.057	4.286	53530640	49900537	924.979	976.125
15) L3 AR-1232-5	5.160	4.460	43797112	54184295	984.126	978.276
16) L4 AR-1242-1	4.868	3.999	66147589	63323858	536.273	533.087
17) L4 AR-1242-2	4.890	4.017	104.7E6	93552147	532.851	527.438
18) L4 AR-1242-3	4.955	4.194	68922025	51332074	513.816	522.620
19) L4 AR-1242-4	5.057	4.286	53530640	49900537	517.424	503.790
20) L4 AR-1242-5	5.843	4.828	15511262	52829453	147.434	448.376 #
21) L5 AR-1248-1	4.868	3.999	66147589	63323858	727.910	700.289
22) L5 AR-1248-2	5.160	4.246	43797112	41909890	294.213	299.876
23) L5 AR-1248-3	5.371	4.286	53307667	49900537	312.100	356.835
24) L5 AR-1248-4	5.803	4.460	16723152	54184295	106.052	323.405 #
25) L5 AR-1248-5	5.843	4.870	15511262	12983810	87.101	84.039
26) L6 AR-1254-1	5.773	4.828	45380851	52829453	238.060	216.277
27) L6 AR-1254-2	6.010	4.986	42931306	38623553	152.956	178.421
28) L6 AR-1254-3	6.399	5.425	17129353	72854068	63.905	214.205 #
29) L6 AR-1254-4	6.708	5.651	10475544	5932232	65.026	30.230 #
30) L6 AR-1254-5	7.161	6.093	110.6E6	138.7E6	575.956	450.211
31) L7 AR-1260-1	6.579	5.545	93835336	107.4E6	384.819	412.312
32) L7 AR-1260-2	6.861	5.749	101.7E6	128.1E6	392.674	417.872
33) L7 AR-1260-3	7.250	5.907	76218792	119.2E6	383.587	406.780
34) L7 AR-1260-4	7.491	6.411	81442374	100.1E6	389.894	400.203
35) L7 AR-1260-5	7.828	6.675	139.5E6	223.2E6	407.504	408.905
36) L8 AR-1262-1	7.250	6.138	76218792	107.1E6	294.535	323.191
37) L8 AR-1262-2	7.828	6.675	139.5E6	223.2E6	402.171	401.062
38) L8 AR-1262-3	8.139	6.979	84329117	51286573	369.741	214.886 #
39) L8 AR-1262-4	8.217	7.044	24458104	161.3E6	135.503	378.057 #
40) L8 AR-1262-5	8.838	7.582	31756246	55848111	310.010	285.122
41) L9 AR-1268-1	8.139	6.979	84329117	51286573	203.274	77.073 #

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 QLast Update : Wed May 22 04:28:16 2024
 Response via : Initial Calibration
 Integrator: ChemStation

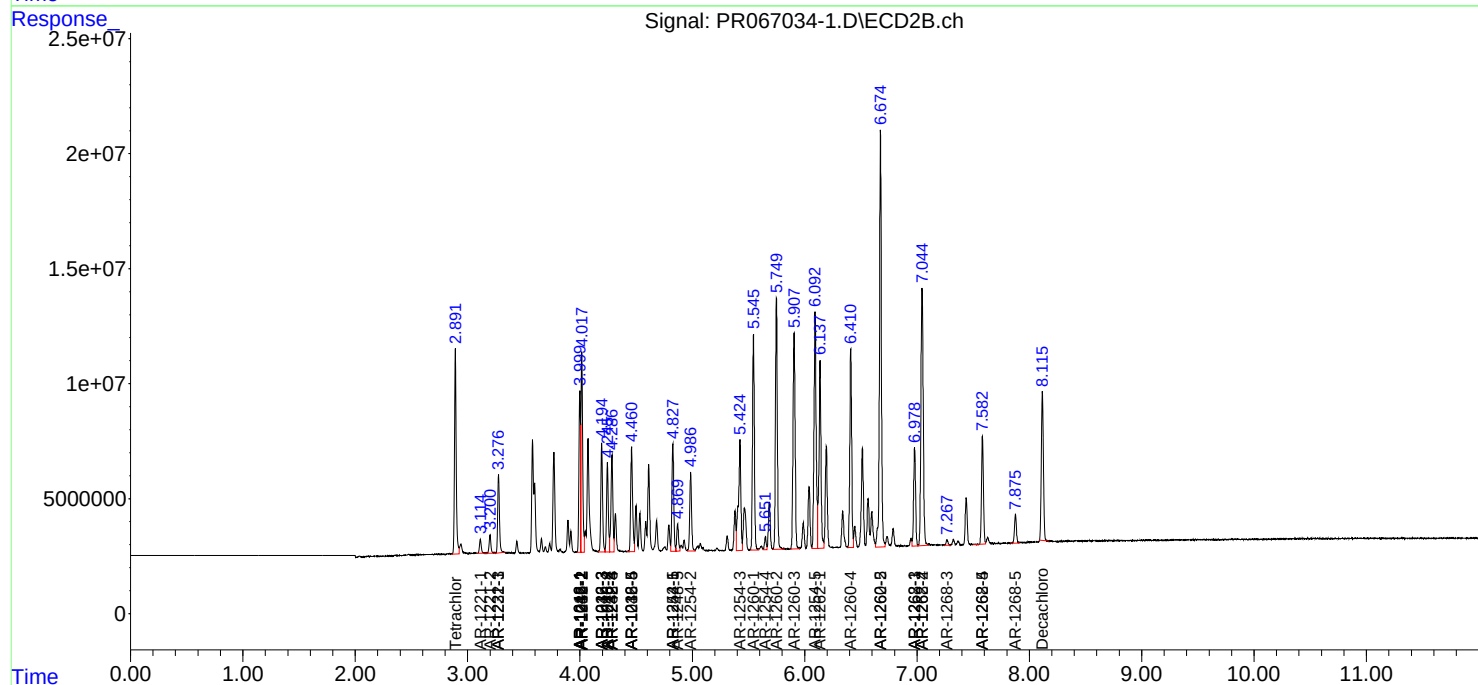
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

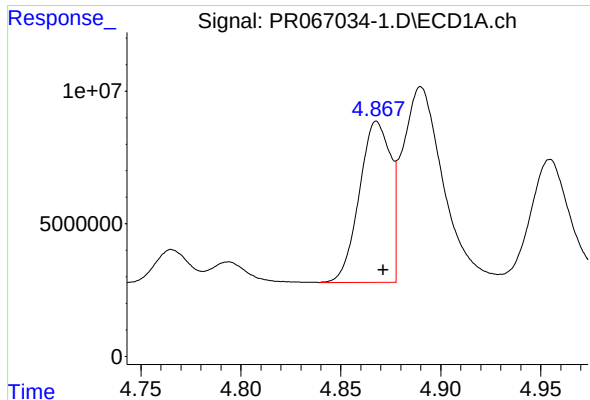
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.217	7.044	24458104	161.3E6	66.011	264.698 #
43) L9	AR-1268-3	8.436	7.268	2114075	2737441	6.498	5.118
44) L9	AR-1268-4	8.838	7.582	31756246	55848111	279.624	253.380
45) L9	AR-1268-5	9.219	7.876	8830354	15189087	10.484	10.183

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

Instrument :
ECD_R
ClientSampleId :

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

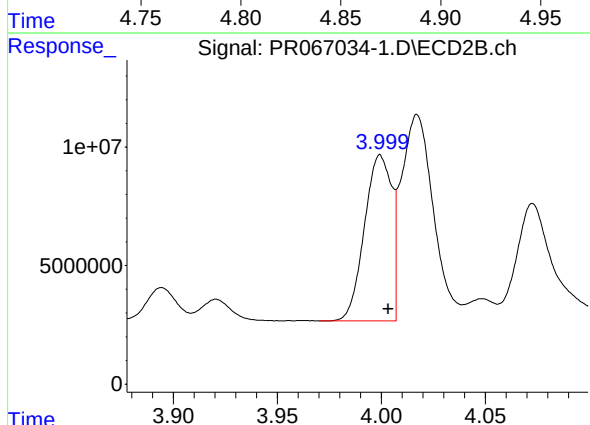




#3 AR-1016-1

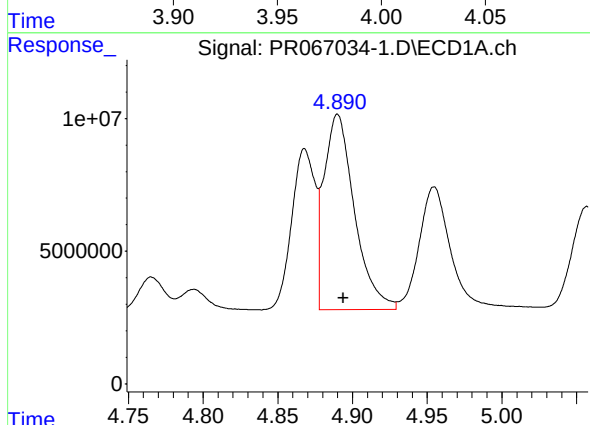
R.T.: 4.868 min
Delta R.T.: -0.003 min
Response: 66147589
Conc: 412.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



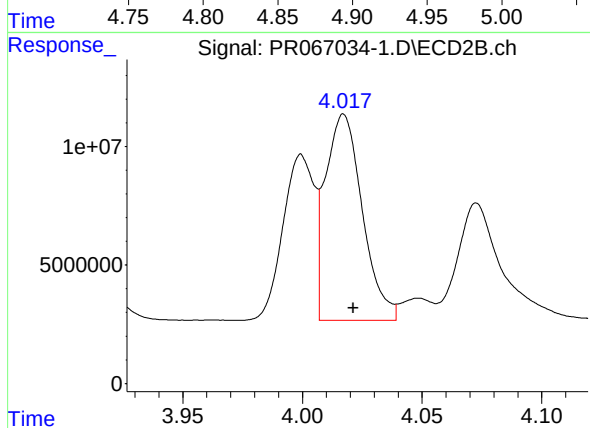
#3 AR-1016-1

R.T.: 3.999 min
Delta R.T.: -0.004 min
Response: 63323858
Conc: 421.83 ng/ml



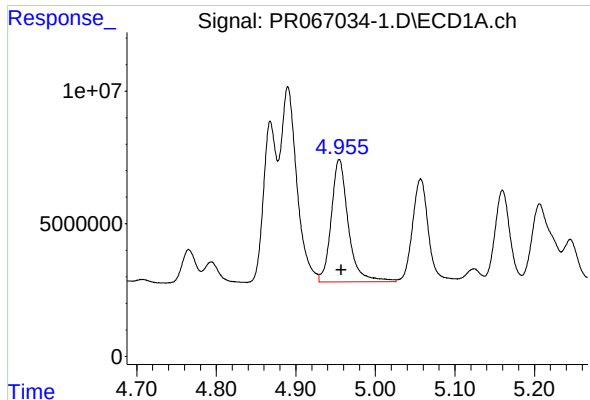
#4 AR-1016-2

R.T.: 4.890 min
Delta R.T.: -0.004 min
Response: 104720152
Conc: 407.87 ng/ml



#4 AR-1016-2

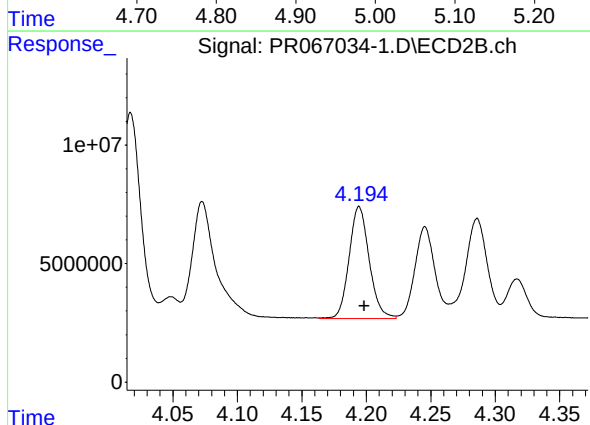
R.T.: 4.017 min
Delta R.T.: -0.004 min
Response: 93552147
Conc: 422.19 ng/ml



#5 AR-1016-3

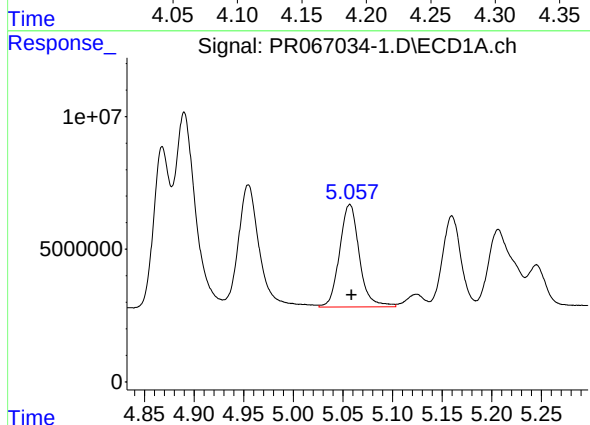
R.T.: 4.955 min
Delta R.T.: -0.002 min
Response: 68922025
Conc: 400.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



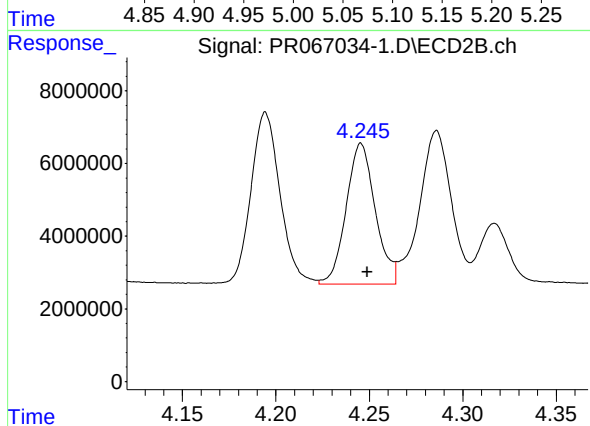
#5 AR-1016-3

R.T.: 4.194 min
Delta R.T.: -0.004 min
Response: 51332074
Conc: 416.64 ng/ml



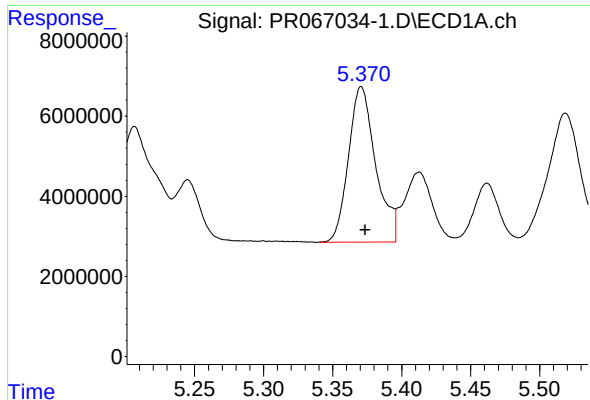
#6 AR-1016-4

R.T.: 5.057 min
Delta R.T.: -0.002 min
Response: 53530640
Conc: 403.59 ng/ml



#6 AR-1016-4

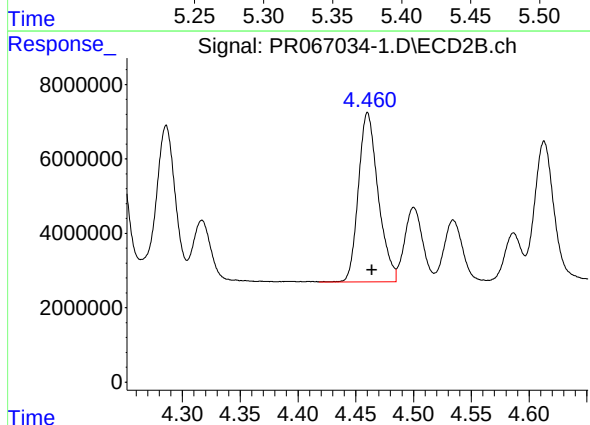
R.T.: 4.246 min
Delta R.T.: -0.003 min
Response: 41909890
Conc: 401.28 ng/ml



#7 AR-1016-5

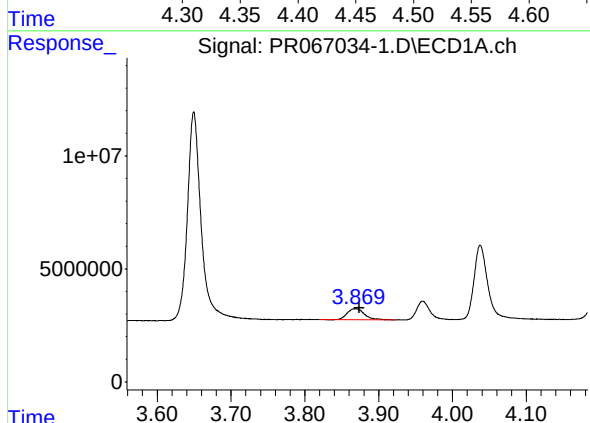
R.T.: 5.371 min
Delta R.T.: -0.003 min
Response: 53307667
Conc: 394.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



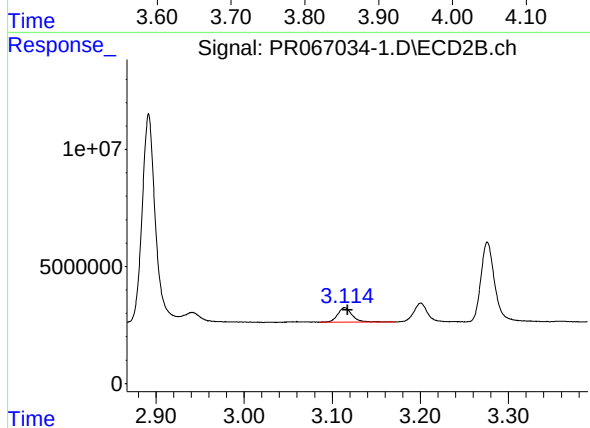
#7 AR-1016-5

R.T.: 4.460 min
Delta R.T.: -0.004 min
Response: 54184295
Conc: 409.11 ng/ml



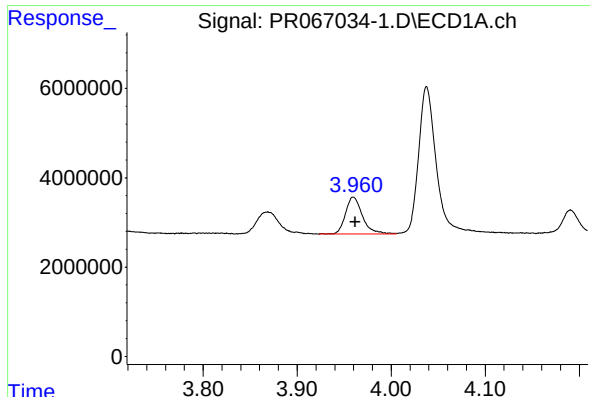
#8 AR-1221-1

R.T.: 3.869 min
Delta R.T.: -0.005 min
Response: 7832070
Conc: 120.03 ng/ml



#8 AR-1221-1

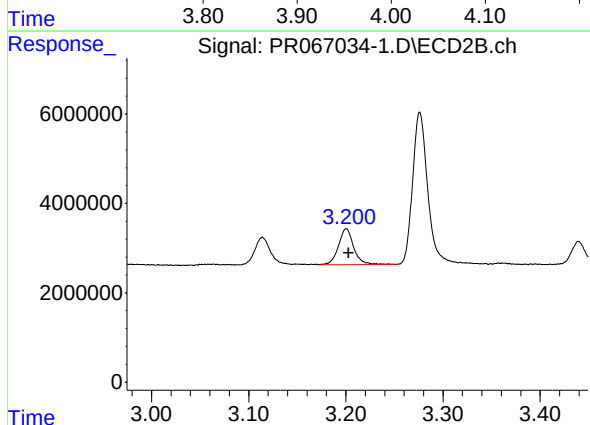
R.T.: 3.114 min
Delta R.T.: -0.003 min
Response: 6935017
Conc: 124.88 ng/ml



#9 AR-1221-2

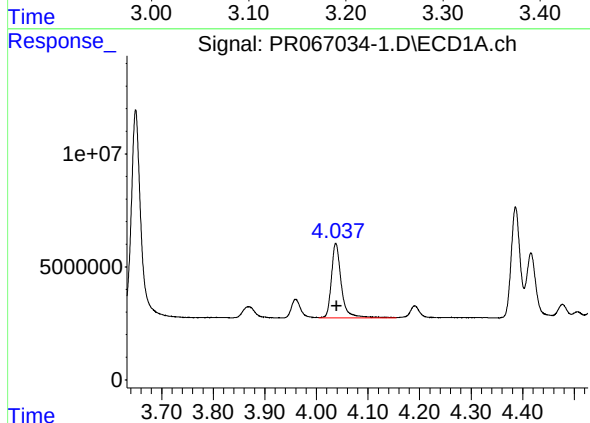
R.T.: 3.960 min
Delta R.T.: -0.002 min
Response: 10372010
Conc: 222.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



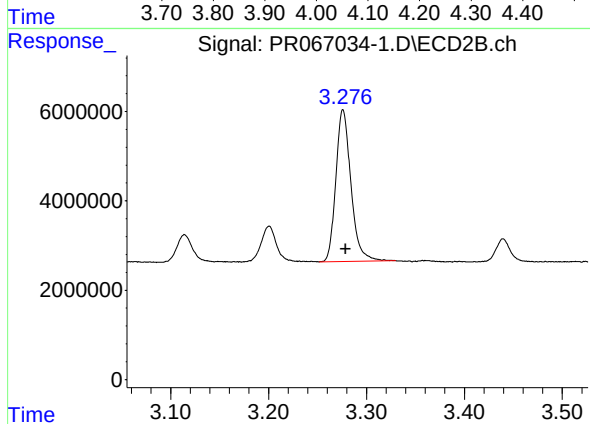
#9 AR-1221-2

R.T.: 3.201 min
Delta R.T.: -0.002 min
Response: 8860892
Conc: 221.37 ng/ml



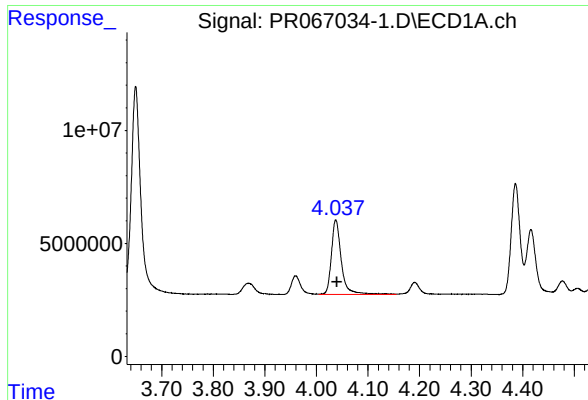
#10 AR-1221-3

R.T.: 4.038 min
Delta R.T.: -0.002 min
Response: 43876155
Conc: 290.82 ng/ml



#10 AR-1221-3

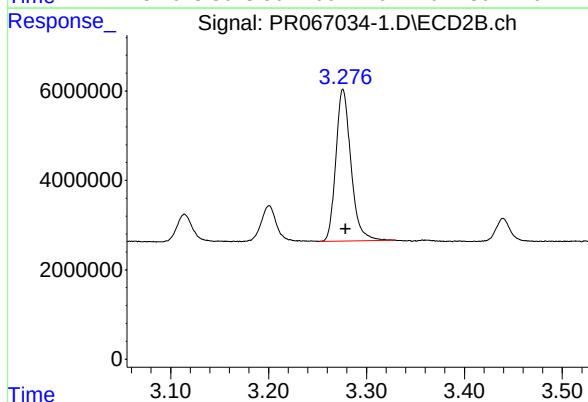
R.T.: 3.276 min
Delta R.T.: -0.002 min
Response: 36438378
Conc: 288.77 ng/ml



#11 AR-1232-1

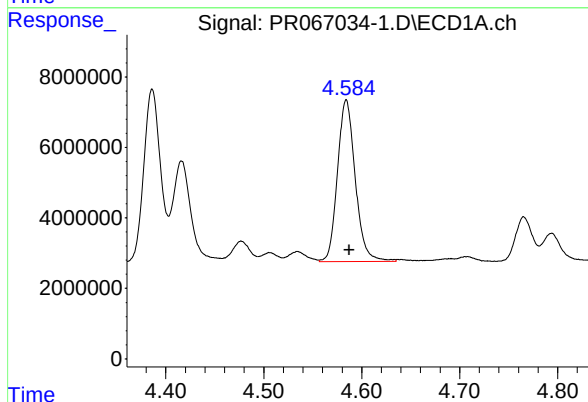
R.T.: 4.038 min
Delta R.T.: -0.002 min
Response: 43876155
Conc: 345.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



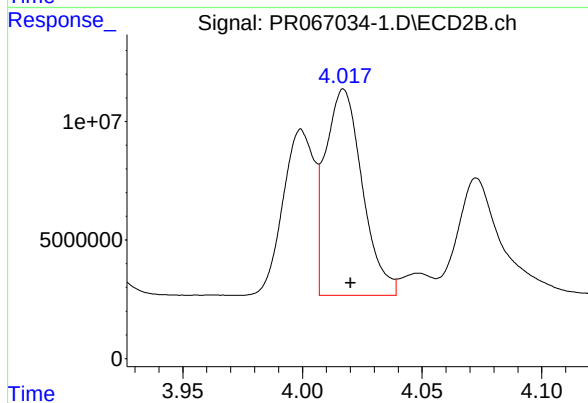
#11 AR-1232-1

R.T.: 3.276 min
Delta R.T.: -0.003 min
Response: 36438378
Conc: 340.48 ng/ml



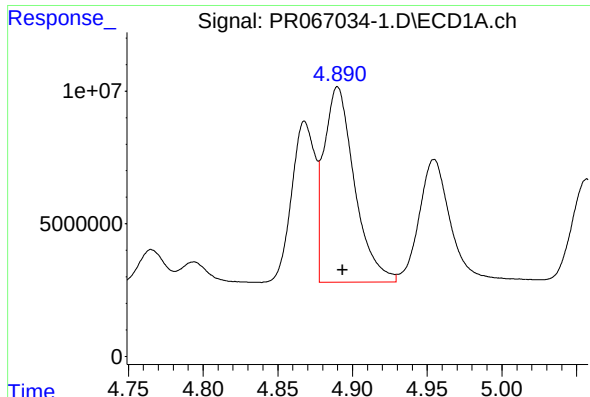
#12 AR-1232-2

R.T.: 4.584 min
Delta R.T.: -0.003 min
Response: 58065890
Conc: 817.25 ng/ml



#12 AR-1232-2

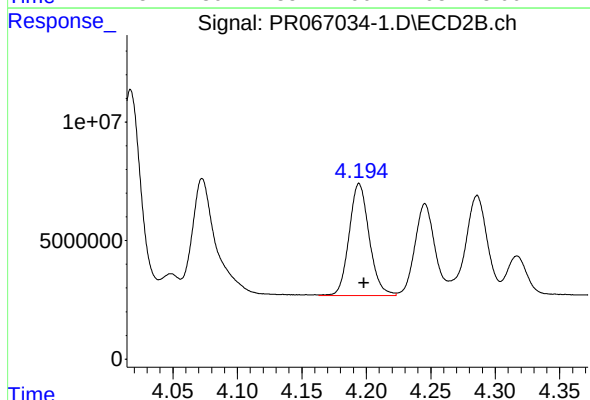
R.T.: 4.017 min
Delta R.T.: -0.003 min
Response: 93552147
Conc: 902.98 ng/ml



#13 AR-1232-3

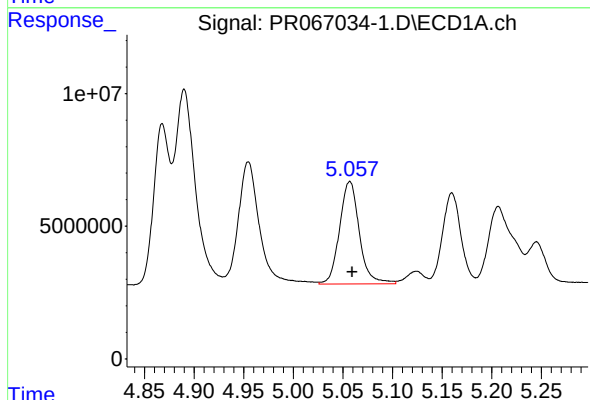
R.T.: 4.890 min
Delta R.T.: -0.003 min
Response: 104720152
Conc: 916.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



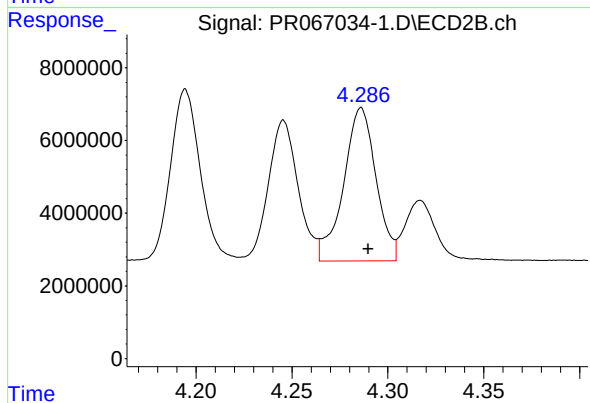
#13 AR-1232-3

R.T.: 4.194 min
Delta R.T.: -0.004 min
Response: 51332074
Conc: 928.28 ng/ml



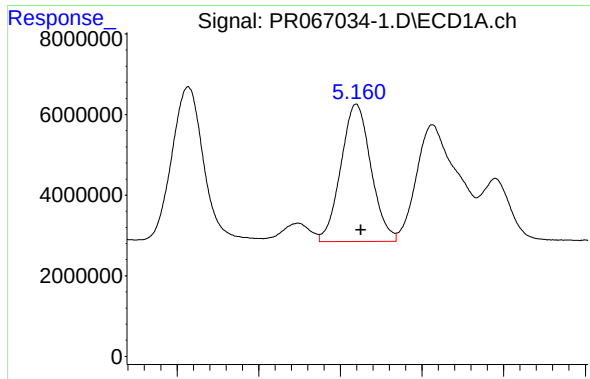
#14 AR-1232-4

R.T.: 5.057 min
Delta R.T.: -0.003 min
Response: 53530640
Conc: 924.98 ng/ml



#14 AR-1232-4

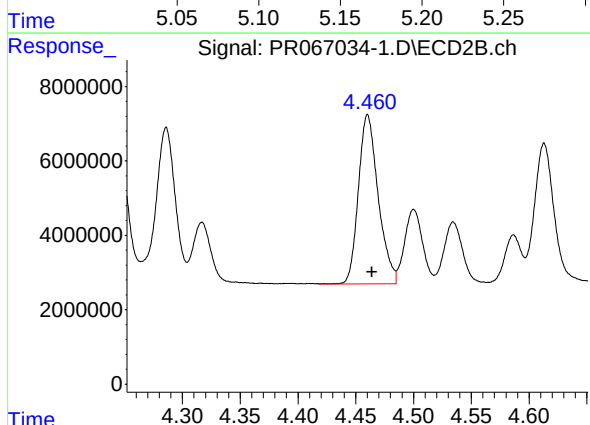
R.T.: 4.286 min
Delta R.T.: -0.004 min
Response: 49900537
Conc: 976.12 ng/ml



#15 AR-1232-5

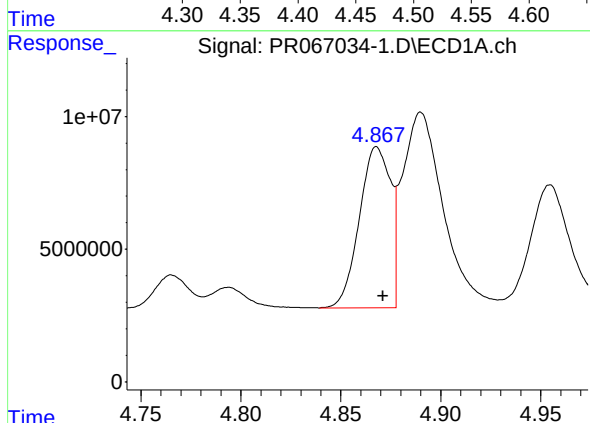
R.T.: 5.160 min
Delta R.T.: -0.003 min
Response: 43797112
Conc: 984.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



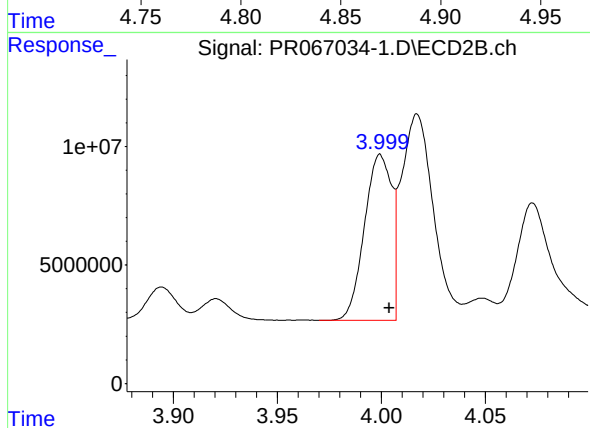
#15 AR-1232-5

R.T.: 4.460 min
Delta R.T.: -0.004 min
Response: 54184295
Conc: 978.28 ng/ml



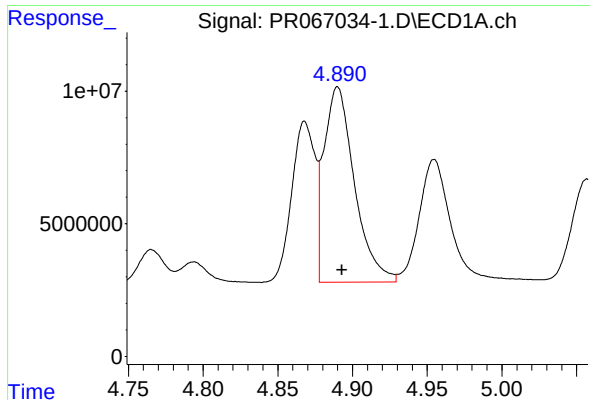
#16 AR-1242-1

R.T.: 4.868 min
Delta R.T.: -0.003 min
Response: 66147589
Conc: 536.27 ng/ml



#16 AR-1242-1

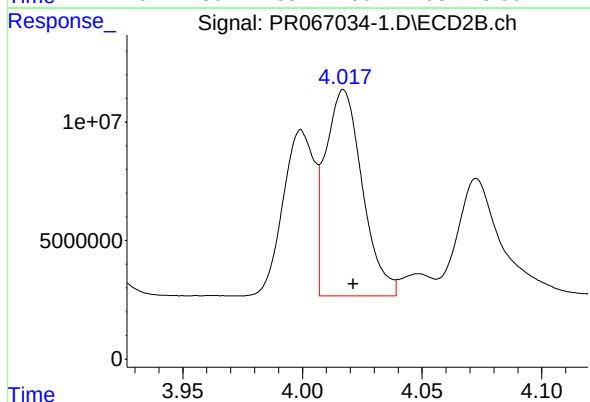
R.T.: 3.999 min
Delta R.T.: -0.004 min
Response: 63323858
Conc: 533.09 ng/ml



#17 AR-1242-2

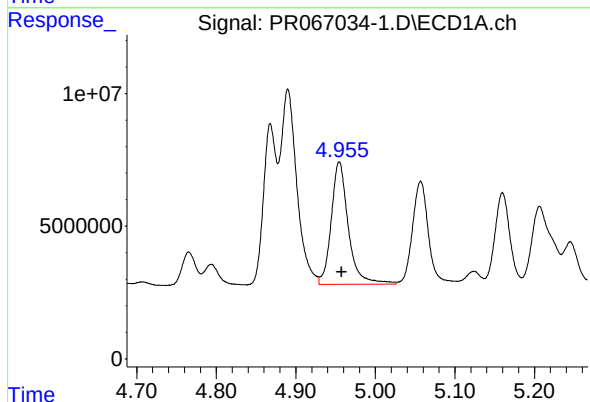
R.T.: 4.890 min
Delta R.T.: -0.003 min
Response: 104720152
Conc: 532.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



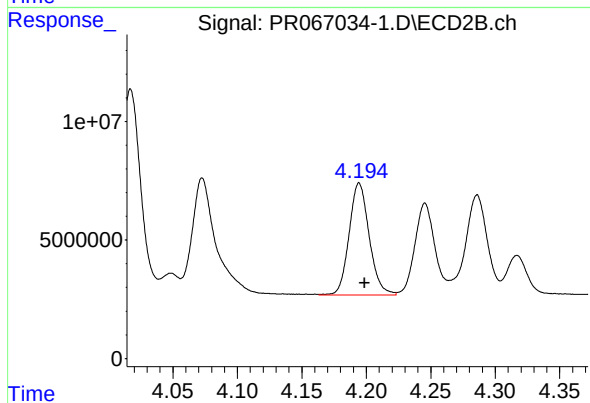
#17 AR-1242-2

R.T.: 4.017 min
Delta R.T.: -0.004 min
Response: 93552147
Conc: 527.44 ng/ml



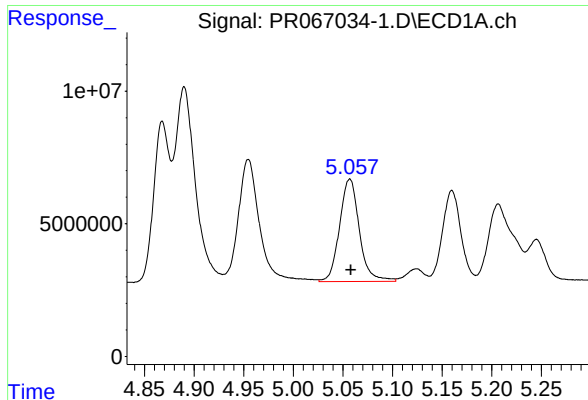
#18 AR-1242-3

R.T.: 4.955 min
Delta R.T.: -0.003 min
Response: 68922025
Conc: 513.82 ng/ml



#18 AR-1242-3

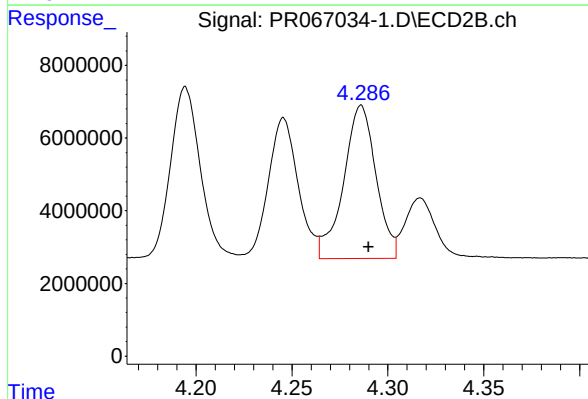
R.T.: 4.194 min
Delta R.T.: -0.004 min
Response: 51332074
Conc: 522.62 ng/ml



#19 AR-1242-4

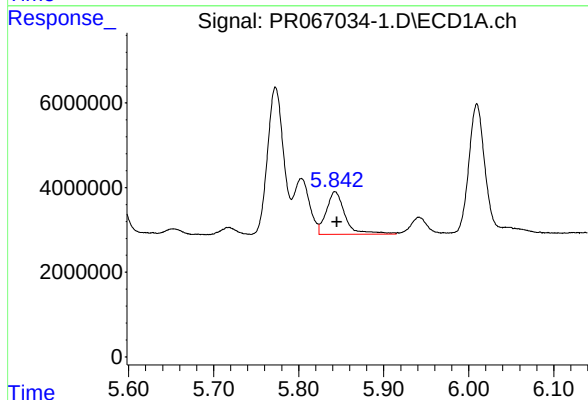
R.T.: 5.057 min
Delta R.T.: -0.001 min
Response: 53530640
Conc: 517.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



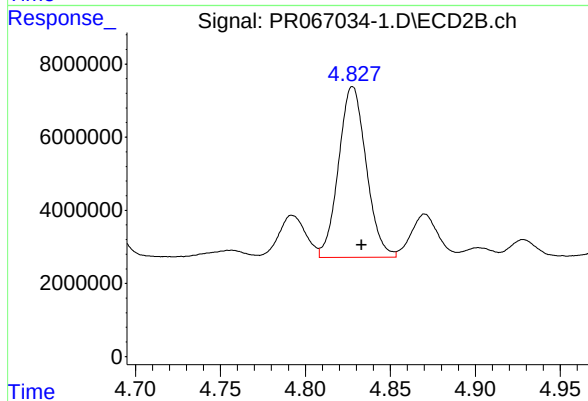
#19 AR-1242-4

R.T.: 4.286 min
Delta R.T.: -0.004 min
Response: 49900537
Conc: 503.79 ng/ml



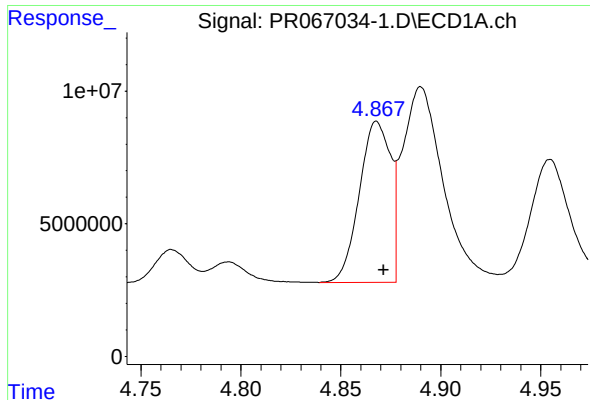
#20 AR-1242-5

R.T.: 5.843 min
Delta R.T.: -0.002 min
Response: 15511262
Conc: 147.43 ng/ml



#20 AR-1242-5

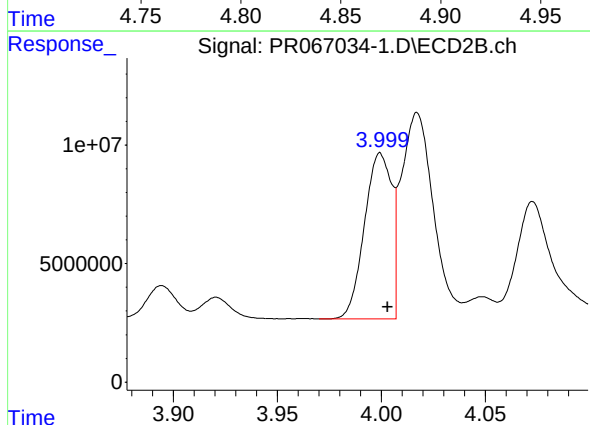
R.T.: 4.828 min
Delta R.T.: -0.005 min
Response: 52829453
Conc: 448.38 ng/ml



#21 AR-1248-1

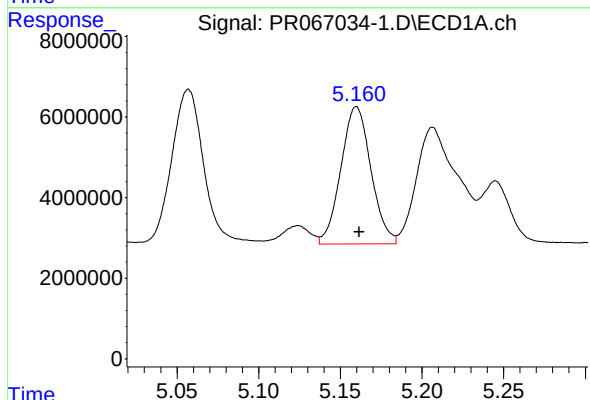
R.T.: 4.868 min
Delta R.T.: -0.004 min
Response: 66147589
Conc: 727.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



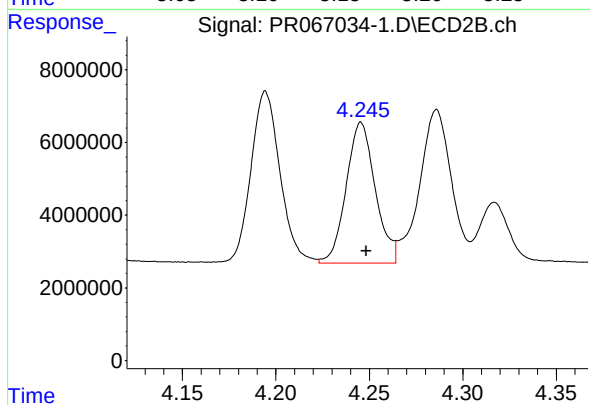
#21 AR-1248-1

R.T.: 3.999 min
Delta R.T.: -0.003 min
Response: 63323858
Conc: 700.29 ng/ml



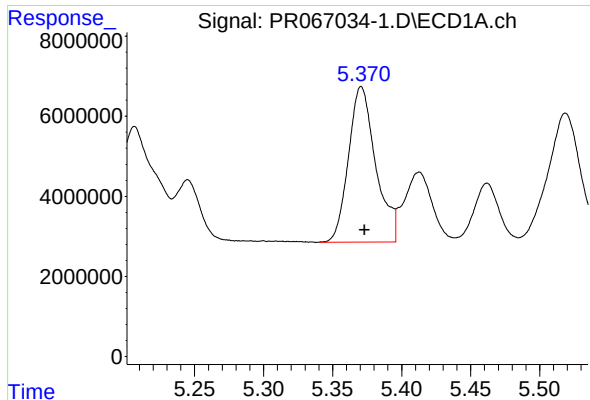
#22 AR-1248-2

R.T.: 5.160 min
Delta R.T.: -0.002 min
Response: 43797112
Conc: 294.21 ng/ml



#22 AR-1248-2

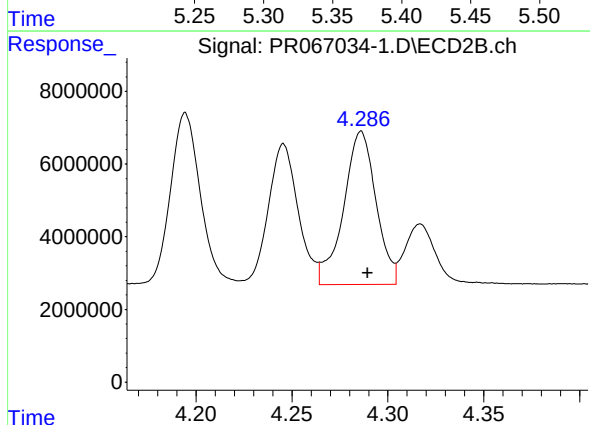
R.T.: 4.246 min
Delta R.T.: -0.003 min
Response: 41909890
Conc: 299.88 ng/ml



#23 AR-1248-3

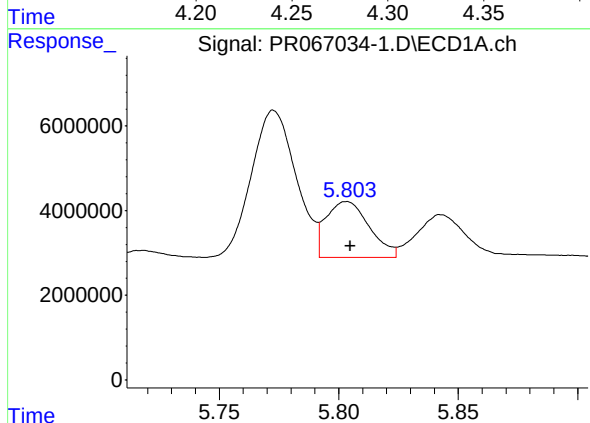
R.T.: 5.371 min
Delta R.T.: -0.002 min
Response: 53307667
Conc: 312.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



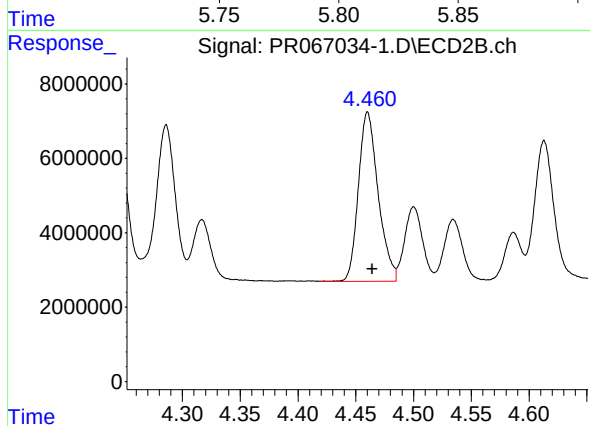
#23 AR-1248-3

R.T.: 4.286 min
Delta R.T.: -0.004 min
Response: 49900537
Conc: 356.83 ng/ml



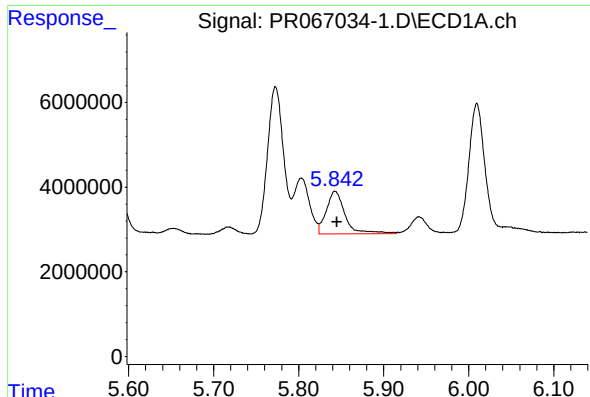
#24 AR-1248-4

R.T.: 5.803 min
Delta R.T.: -0.002 min
Response: 16723152
Conc: 106.05 ng/ml



#24 AR-1248-4

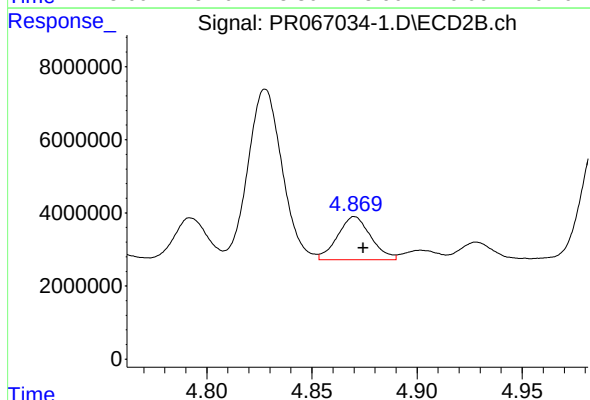
R.T.: 4.460 min
Delta R.T.: -0.004 min
Response: 54184295
Conc: 323.40 ng/ml



#25 AR-1248-5

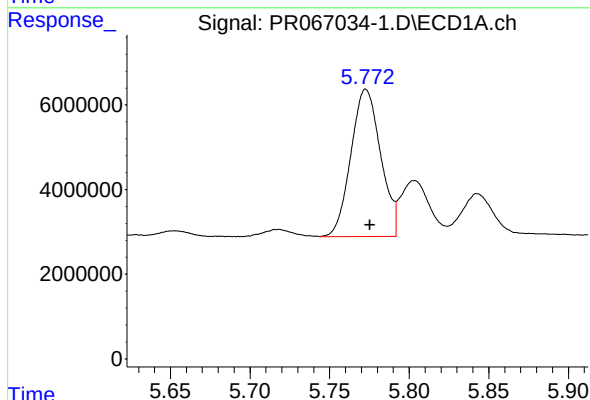
R.T.: 5.843 min
Delta R.T.: -0.002 min
Response: 15511262
Conc: 87.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



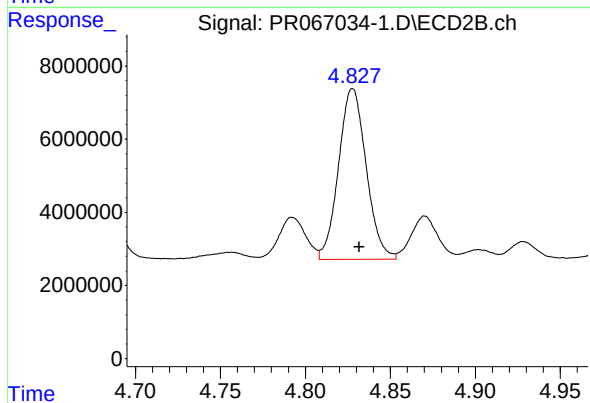
#25 AR-1248-5

R.T.: 4.870 min
Delta R.T.: -0.004 min
Response: 12983810
Conc: 84.04 ng/ml



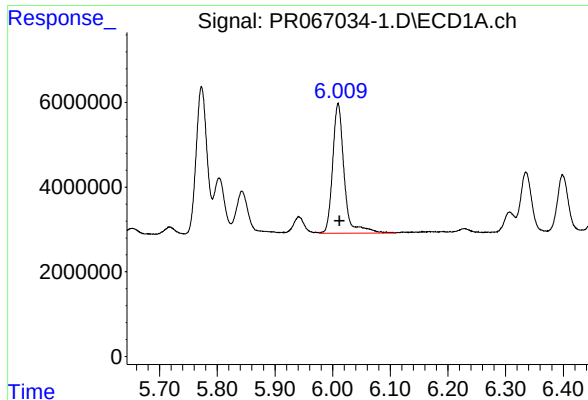
#26 AR-1254-1

R.T.: 5.773 min
Delta R.T.: -0.003 min
Response: 45380851
Conc: 238.06 ng/ml



#26 AR-1254-1

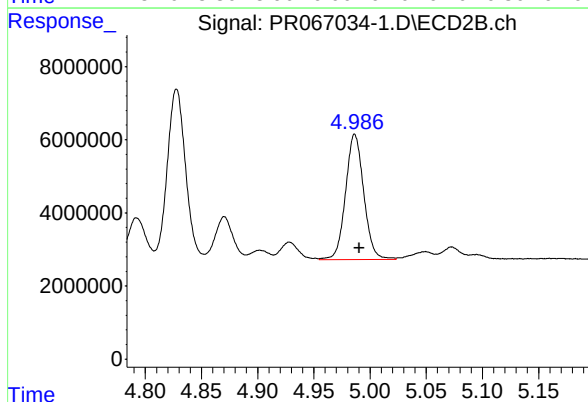
R.T.: 4.828 min
Delta R.T.: -0.004 min
Response: 52829453
Conc: 216.28 ng/ml



#27 AR-1254-2

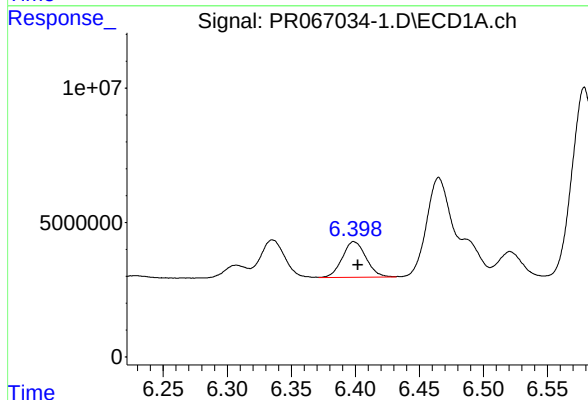
R.T.: 6.010 min
Delta R.T.: -0.002 min
Response: 42931306
Conc: 152.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



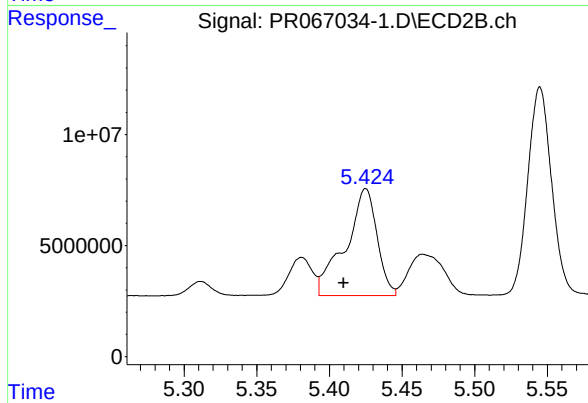
#27 AR-1254-2

R.T.: 4.986 min
Delta R.T.: -0.004 min
Response: 38623553
Conc: 178.42 ng/ml



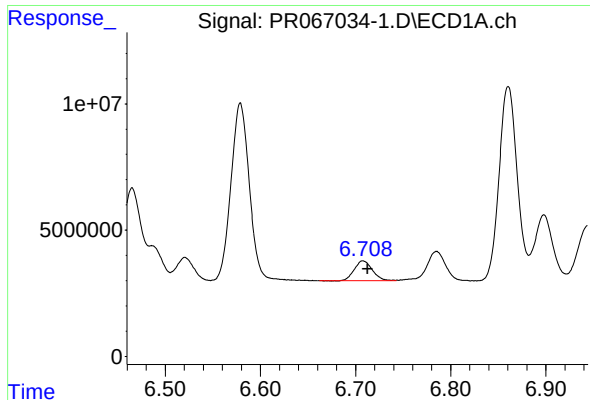
#28 AR-1254-3

R.T.: 6.399 min
Delta R.T.: -0.003 min
Response: 17129353
Conc: 63.90 ng/ml



#28 AR-1254-3

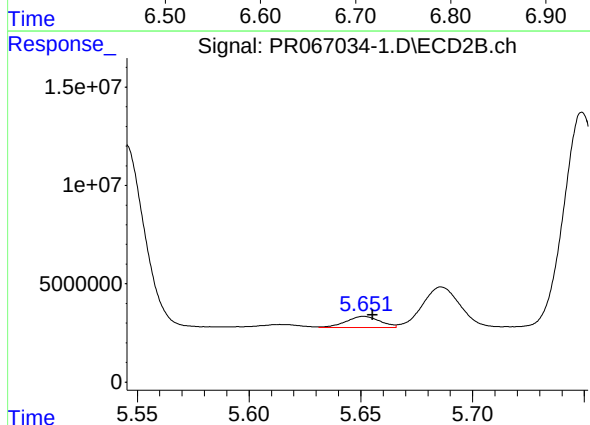
R.T.: 5.425 min
Delta R.T.: 0.015 min
Response: 72854068
Conc: 214.20 ng/ml



#29 AR-1254-4

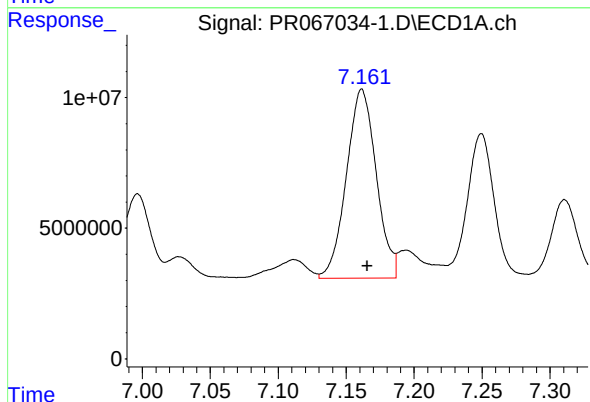
R.T.: 6.708 min
Delta R.T.: -0.005 min
Response: 10475544
Conc: 65.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



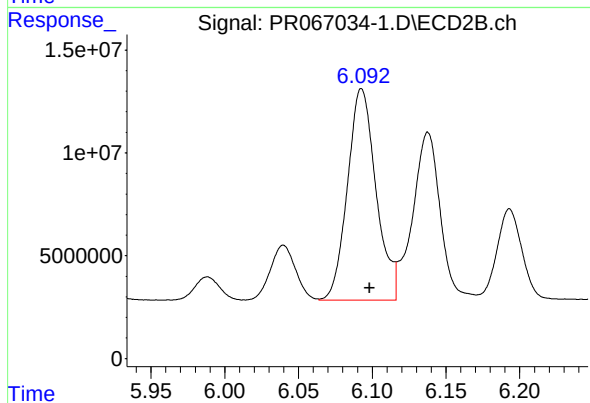
#29 AR-1254-4

R.T.: 5.651 min
Delta R.T.: -0.004 min
Response: 5932232
Conc: 30.23 ng/ml



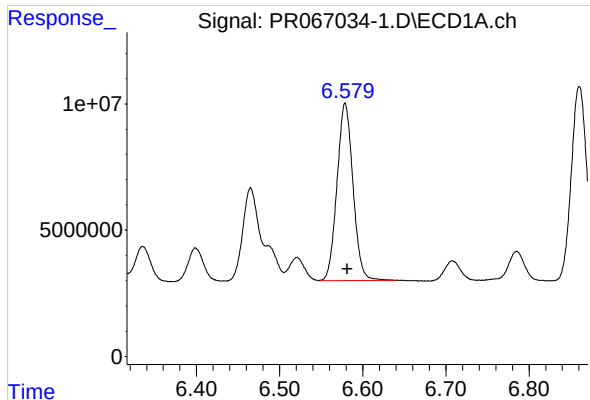
#30 AR-1254-5

R.T.: 7.161 min
Delta R.T.: -0.004 min
Response: 110587213
Conc: 575.96 ng/ml



#30 AR-1254-5

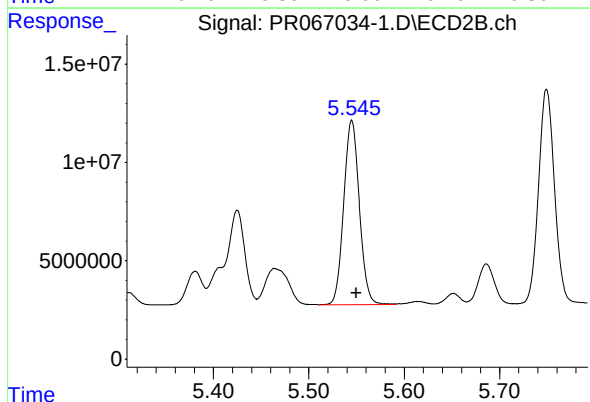
R.T.: 6.093 min
Delta R.T.: -0.006 min
Response: 138652081
Conc: 450.21 ng/ml



#31 AR-1260-1

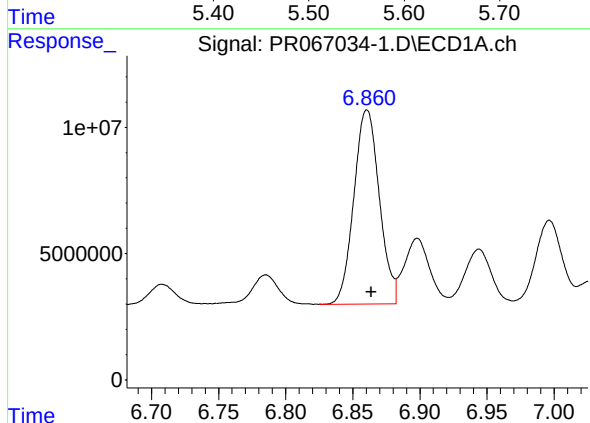
R.T.: 6.579 min
Delta R.T.: -0.003 min
Response: 93835336
Conc: 384.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



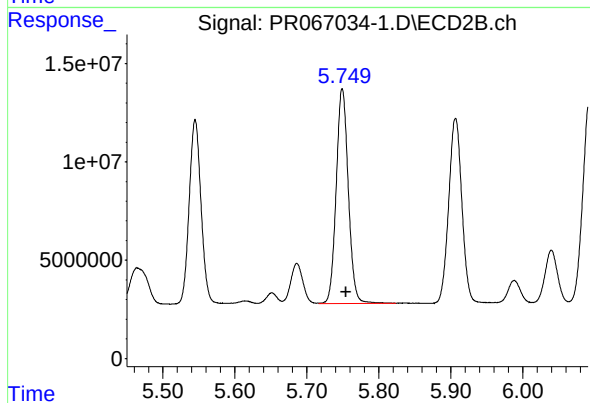
#31 AR-1260-1

R.T.: 5.545 min
Delta R.T.: -0.005 min
Response: 107421110
Conc: 412.31 ng/ml



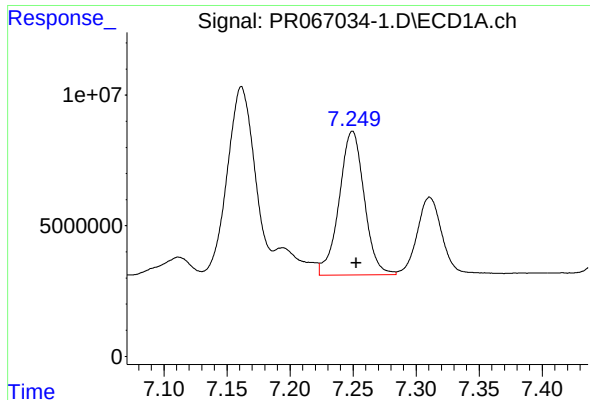
#32 AR-1260-2

R.T.: 6.861 min
Delta R.T.: -0.003 min
Response: 101661249
Conc: 392.67 ng/ml



#32 AR-1260-2

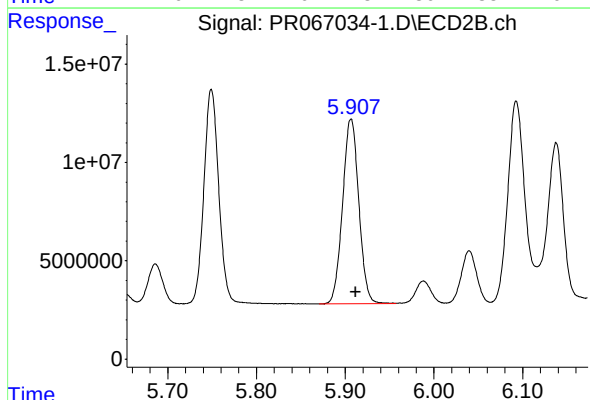
R.T.: 5.749 min
Delta R.T.: -0.005 min
Response: 128126839
Conc: 417.87 ng/ml



#33 AR-1260-3

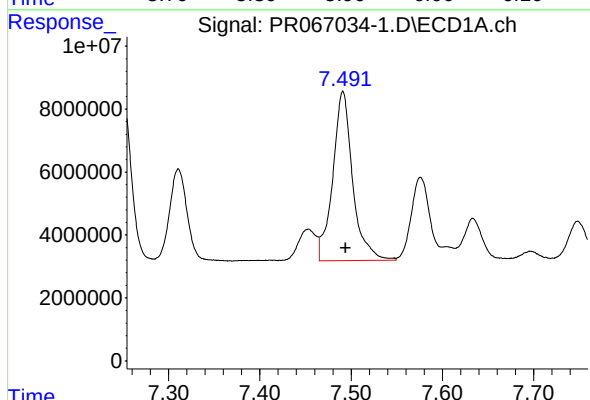
R.T.: 7.250 min
Delta R.T.: -0.003 min
Response: 76218792
Conc: 383.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



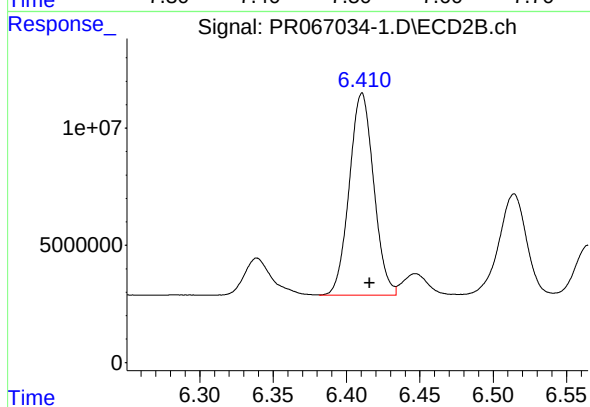
#33 AR-1260-3

R.T.: 5.907 min
Delta R.T.: -0.005 min
Response: 119241674
Conc: 406.78 ng/ml



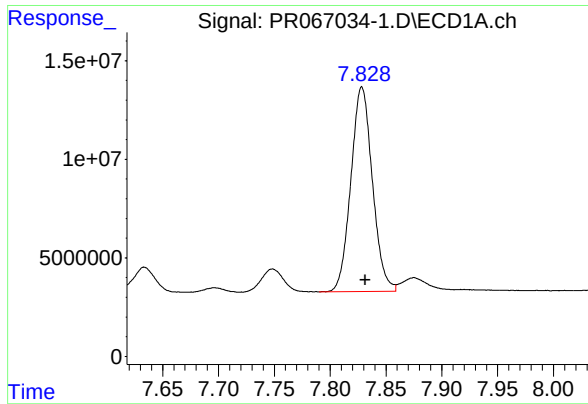
#34 AR-1260-4

R.T.: 7.491 min
Delta R.T.: -0.003 min
Response: 81442374
Conc: 389.89 ng/ml



#34 AR-1260-4

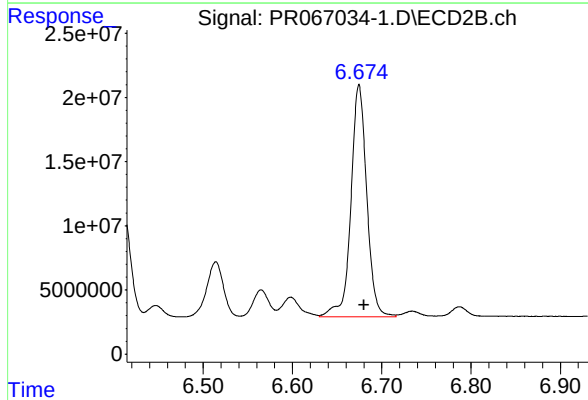
R.T.: 6.411 min
Delta R.T.: -0.005 min
Response: 100065586
Conc: 400.20 ng/ml



#35 AR-1260-5

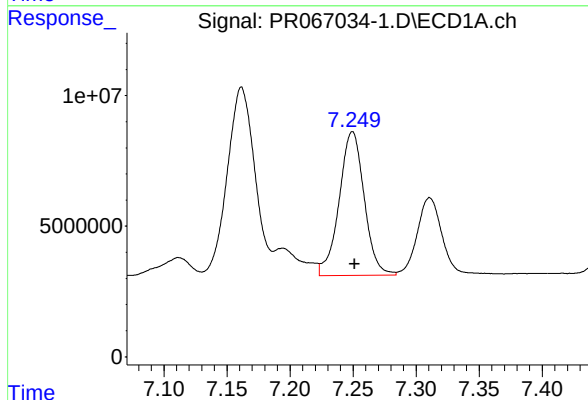
R.T.: 7.828 min
Delta R.T.: -0.003 min
Response: 139483161
Conc: 407.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



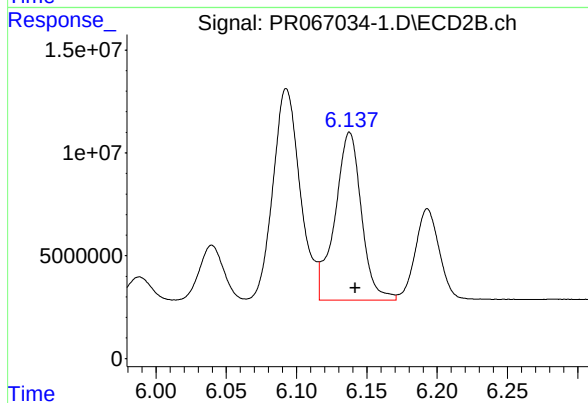
#35 AR-1260-5

R.T.: 6.675 min
Delta R.T.: -0.005 min
Response: 223215889
Conc: 408.91 ng/ml



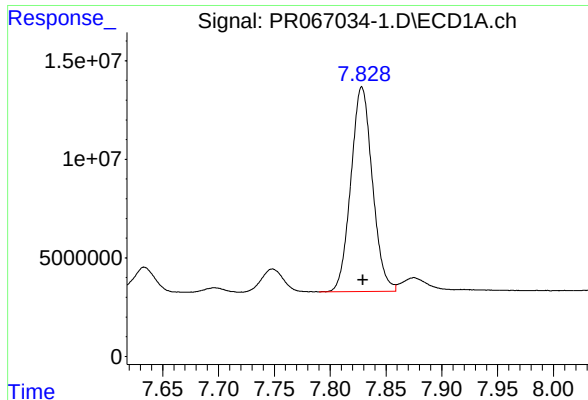
#36 AR-1262-1

R.T.: 7.250 min
Delta R.T.: -0.002 min
Response: 76218792
Conc: 294.53 ng/ml



#36 AR-1262-1

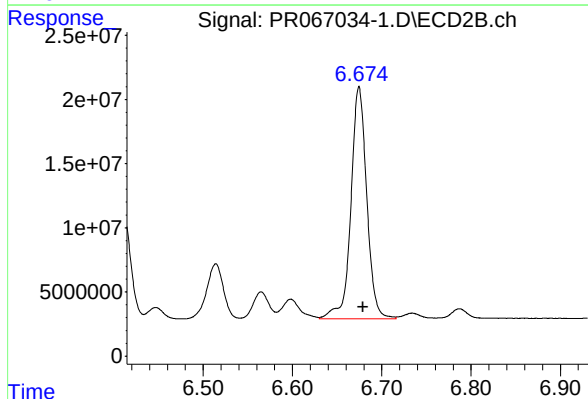
R.T.: 6.138 min
Delta R.T.: -0.004 min
Response: 107126335
Conc: 323.19 ng/ml



#37 AR-1262-2

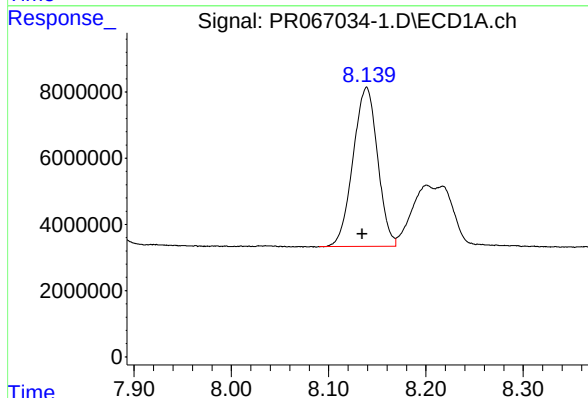
R.T.: 7.828 min
Delta R.T.: -0.001 min
Response: 139483161
Conc: 402.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



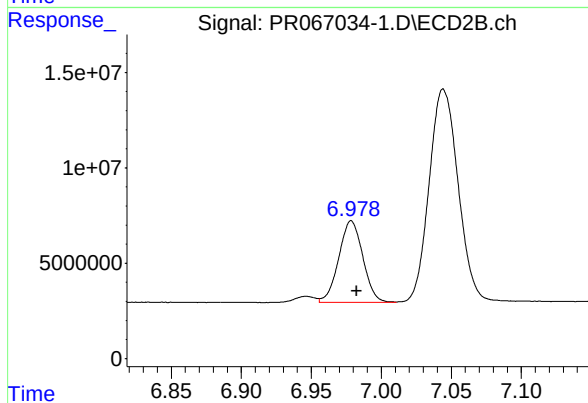
#37 AR-1262-2

R.T.: 6.675 min
Delta R.T.: -0.004 min
Response: 223215889
Conc: 401.06 ng/ml



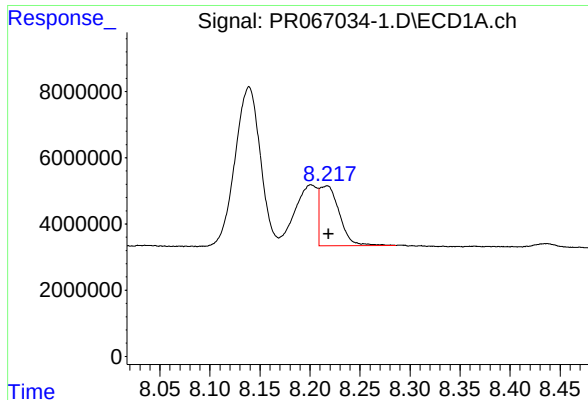
#38 AR-1262-3

R.T.: 8.139 min
Delta R.T.: 0.005 min
Response: 84329117
Conc: 369.74 ng/ml



#38 AR-1262-3

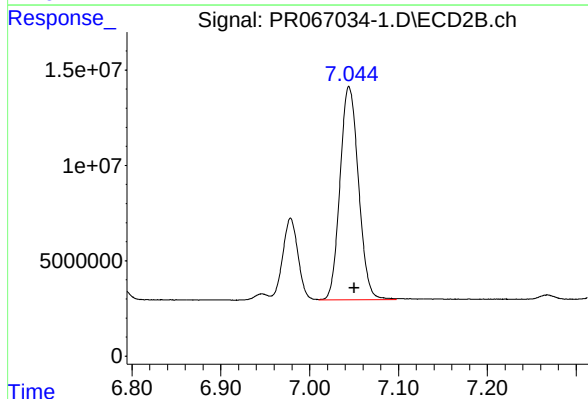
R.T.: 6.979 min
Delta R.T.: -0.004 min
Response: 51286573
Conc: 214.89 ng/ml



#39 AR-1262-4

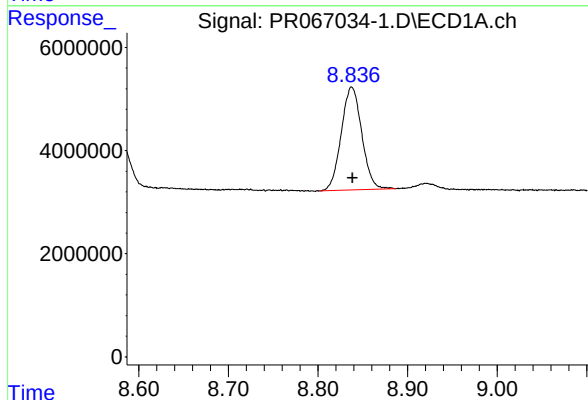
R.T.: 8.217 min
Delta R.T.: -0.002 min
Response: 24458104
Conc: 135.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



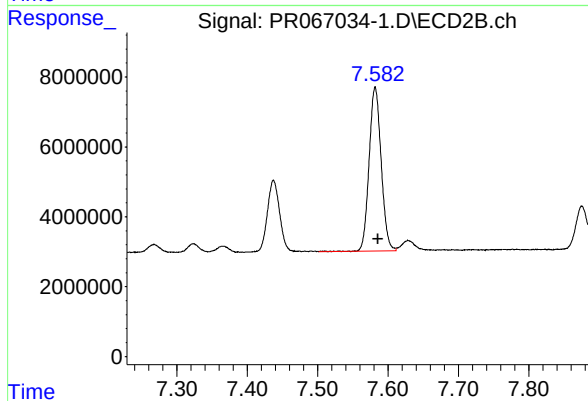
#39 AR-1262-4

R.T.: 7.044 min
Delta R.T.: -0.006 min
Response: 161322892
Conc: 378.06 ng/ml



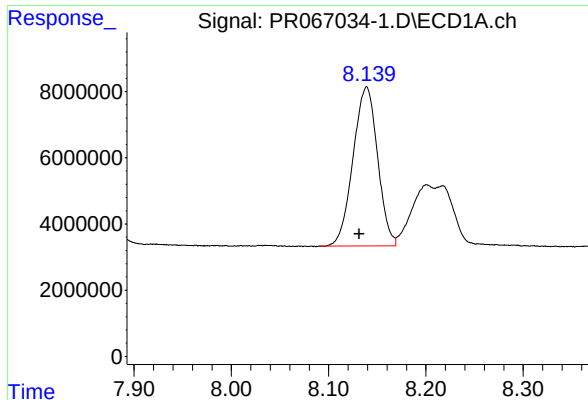
#40 AR-1262-5

R.T.: 8.838 min
Delta R.T.: -0.001 min
Response: 31756246
Conc: 310.01 ng/ml



#40 AR-1262-5

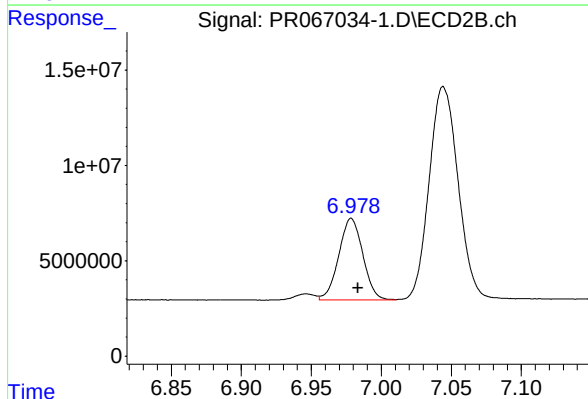
R.T.: 7.582 min
Delta R.T.: -0.004 min
Response: 55848111
Conc: 285.12 ng/ml



#41 AR-1268-1

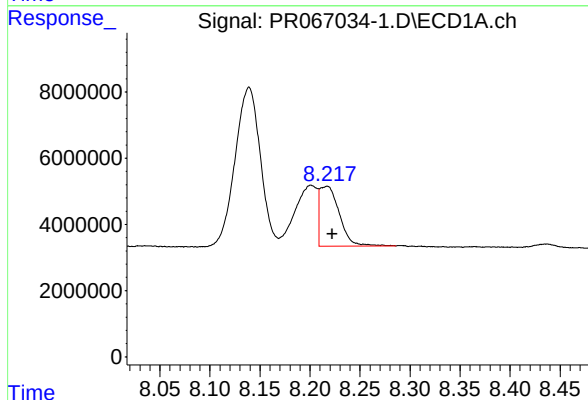
R.T.: 8.139 min
Delta R.T.: 0.008 min
Response: 84329117
Conc: 203.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



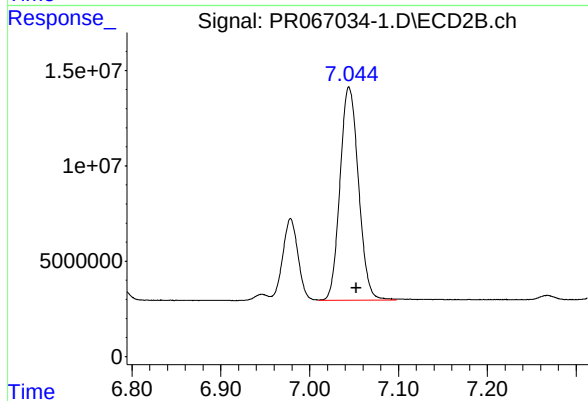
#41 AR-1268-1

R.T.: 6.979 min
Delta R.T.: -0.005 min
Response: 51286573
Conc: 77.07 ng/ml



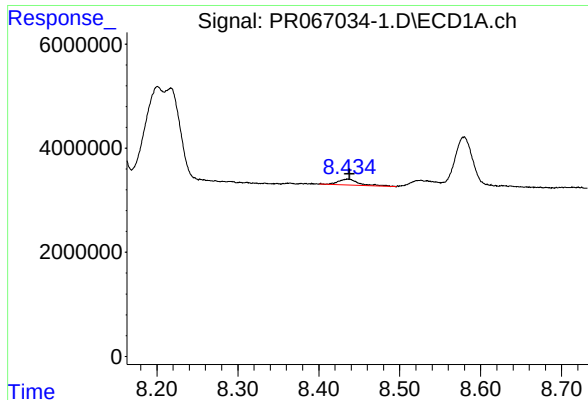
#42 AR-1268-2

R.T.: 8.217 min
Delta R.T.: -0.005 min
Response: 24458104
Conc: 66.01 ng/ml



#42 AR-1268-2

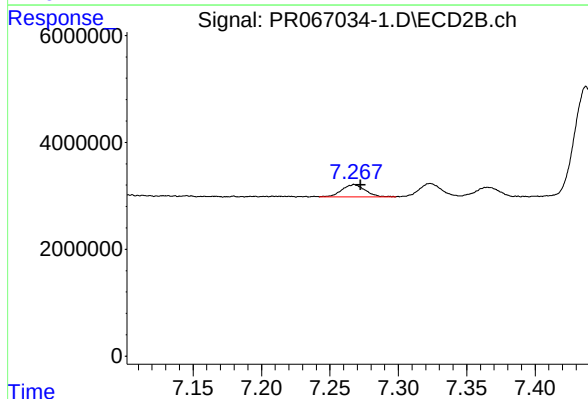
R.T.: 7.044 min
Delta R.T.: -0.008 min
Response: 161322892
Conc: 264.70 ng/ml



#43 AR-1268-3

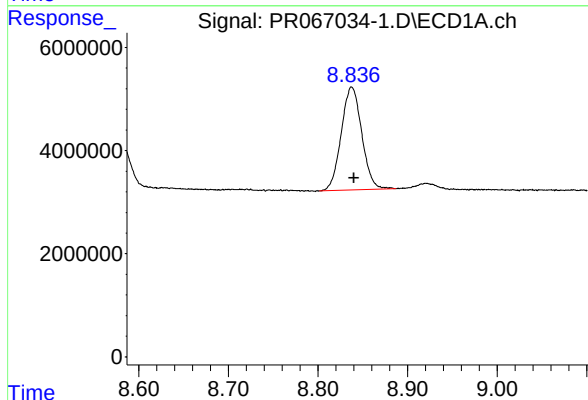
R.T.: 8.436 min
Delta R.T.: -0.002 min
Response: 2114075
Conc: 6.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



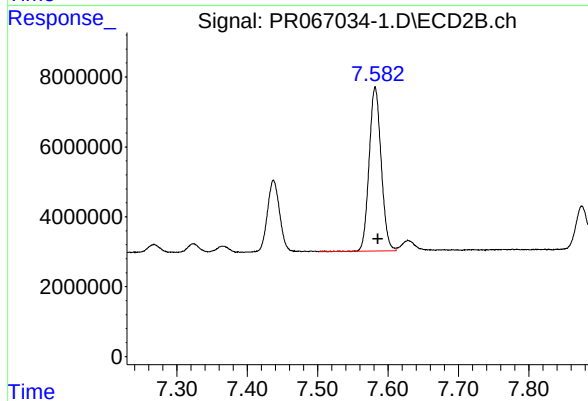
#43 AR-1268-3

R.T.: 7.268 min
Delta R.T.: -0.005 min
Response: 2737441
Conc: 5.12 ng/ml



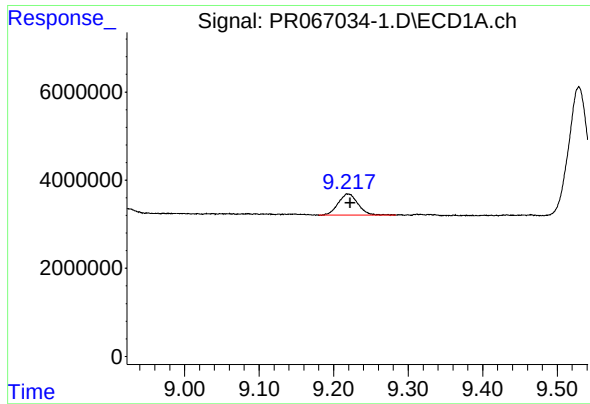
#44 AR-1268-4

R.T.: 8.838 min
Delta R.T.: -0.002 min
Response: 31756246
Conc: 279.62 ng/ml



#44 AR-1268-4

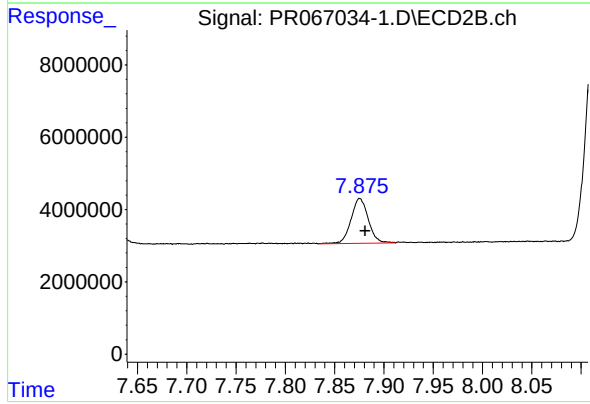
R.T.: 7.582 min
Delta R.T.: -0.004 min
Response: 55848111
Conc: 253.38 ng/ml



#45 AR-1268-5

R.T.: 9.219 min
Delta R.T.: -0.003 min
Response: 8830354
Conc: 10.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.876 min
Delta R.T.: -0.005 min
Response: 15189087
Conc: 10.18 ng/ml