

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091719\
 Data File : PR041209.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Sep 2019 13:04
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1660328

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 18 02:53:00 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091019CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 10 13:01:53 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.723	3.991	72899518	285.9E6	23.721	21.473
2)	SA Decachlor...	10.645	9.118	107.9E6	321.6E6	38.765	32.900
Target Compounds							
3)	L1 AR-1016-1	5.901	5.091	54192017	110.0E6	480.609	415.669
4)	L1 AR-1016-2	5.923	5.111	77766406	150.8E6	488.731	410.756
5)	L1 AR-1016-3	5.986	5.290	45809570	89572020	488.901	440.876
6)	L1 AR-1016-4	6.086	5.329	37600973	68902188	481.832	421.897
7)	L1 AR-1016-5	6.380	5.547	36177470	101.3E6	464.102	435.943
8)	L2 AR-1221-1	4.927	4.202	3764963	12090430	122.243	100.762
9)	L2 AR-1221-2	5.019	4.292	5154823	15415601	209.846	200.747
10)	L2 AR-1221-3	5.097	4.369	23737872	55791917	300.120	246.395
11)	L3 AR-1232-1	5.097	4.369	23737872	55791917	474.903	412.169
12)	L3 AR-1232-2	5.633	5.111	34794166	150.8E6	1322.727	1160.487
13)	L3 AR-1232-3	5.923	5.290	77766406	89572020	1408.569	1219.396
14)	L3 AR-1232-4	6.086	5.373	37600973	86454773	1345.036	1301.582
15)	L3 AR-1232-5	6.173	5.547	32656535	101.3E6	1564.696	1229.507
16)	L4 AR-1242-1	5.901	5.091	54192017	110.0E6	729.333	633.267
17)	L4 AR-1242-2	5.923	5.111	77766406	150.8E6	742.015	629.911
18)	L4 AR-1242-3	5.986	5.290	45809570	89572020	723.760	659.747
19)	L4 AR-1242-4	6.086	5.373	37600973	86454773	711.573	628.720
20)	L4 AR-1242-5	6.824	5.902	5426999	82767908	86.127	360.887 #
21)	L5 AR-1248-1	5.901	5.091	54192017	110.0E6	925.493	794.120
22)	L5 AR-1248-2	6.173	5.329	32656535	68902188	391.598	350.300
23)	L5 AR-1248-3	6.380	5.373	36177470	86454773	383.471	425.521
24)	L5 AR-1248-4	6.758	5.547	31842471	101.3E6	272.463	384.309 #
25)	L5 AR-1248-5	6.824	5.943	5426999	20582755	49.487	65.130 #
26)	L6 AR-1254-1	6.758	5.902	31842471	82767908	259.774	172.879 #
27)	L6 AR-1254-2	6.974	6.048	27083162	79677501	141.455	180.443 #
28)	L6 AR-1254-3	7.345	6.472	14699809	187.6E6	67.927	249.413 #
29)	L6 AR-1254-4	7.631	6.684	11298059	28560851	69.356	54.619
30)	L6 AR-1254-5	8.049	7.104	95947403	259.9E6	525.277	406.807
31)	L7 AR-1260-1	7.508	6.587	62254672	202.6E6	403.275	397.668
32)	L7 AR-1260-2	7.762	6.774	75550573	261.3E6	410.675	411.011
33)	L7 AR-1260-3	8.124	6.931	55361447	232.9E6	398.776	403.846
34)	L7 AR-1260-4	8.363	7.406	63149055	181.9E6	388.374	368.448
35)	L7 AR-1260-5	8.703	7.644	125.9E6	465.9E6	368.463	358.121
36)	L8 AR-1262-1	8.124	7.143	55361447	221.3E6	244.241	270.025
37)	L8 AR-1262-2	8.703	7.644	125.9E6	465.9E6	287.451	298.605
38)	L8 AR-1262-3	9.053	7.932	76186667	101.7E6	271.376	168.486 #
39)	L8 AR-1262-4	9.113	7.996	46982218	305.1E6	231.210	273.615
40)	L8 AR-1262-5	9.834	8.515	33228342	109.0E6	228.939	208.583
41)	L9 AR-1268-1	9.053	7.932	76186667	101.7E6	170.874	63.454 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091719\
 Data File : PR041209.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Sep 2019 13:04
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

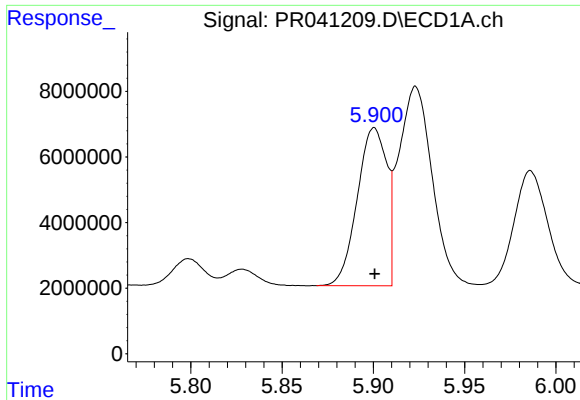
Instrument :
 ECD_R
 ClientSampleId :
 AR1660328

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 18 02:53:00 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091019CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 10 13:01:53 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.113	7.996	46982218	305.1E6	115.076	204.160 #
43) L9	AR-1268-3	0.000	8.212	0	5069217	N.D.	4.056 #
44) L9	AR-1268-4	9.834	8.515	33228342	109.0E6	231.687	209.298
45) L9	AR-1268-5	10.281	8.834	9240899	28571542	8.146	7.745

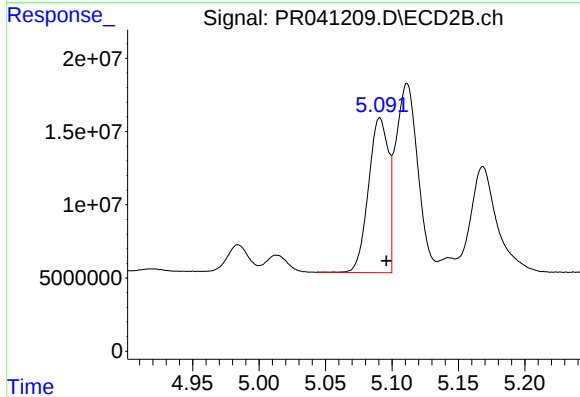
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

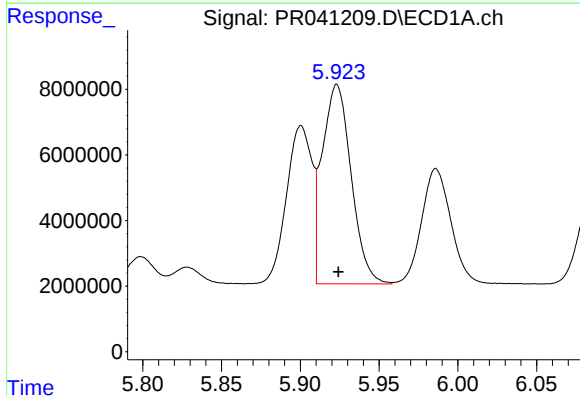
R.T.: 5.901 min
Delta R.T.: 0.000 min
Response: 54192017
Conc: 480.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660328



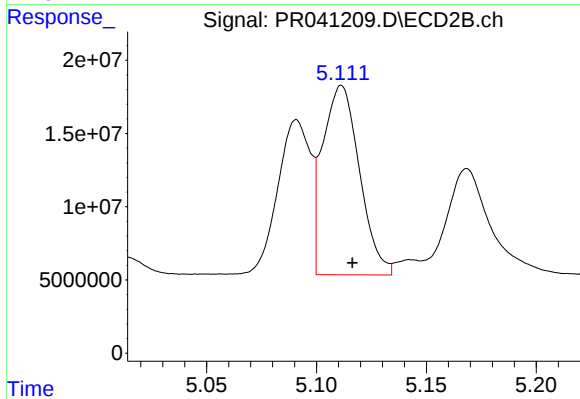
#3 AR-1016-1

R.T.: 5.091 min
Delta R.T.: -0.005 min
Response: 110020836
Conc: 415.67 ng/ml



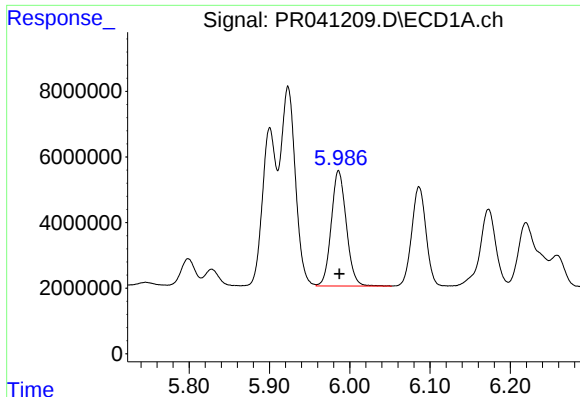
#4 AR-1016-2

R.T.: 5.923 min
Delta R.T.: -0.001 min
Response: 77766406
Conc: 488.73 ng/ml



#4 AR-1016-2

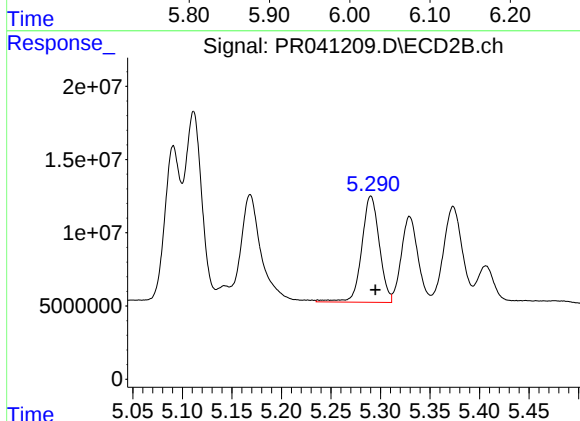
R.T.: 5.111 min
Delta R.T.: -0.005 min
Response: 150755748
Conc: 410.76 ng/ml



#5 AR-1016-3

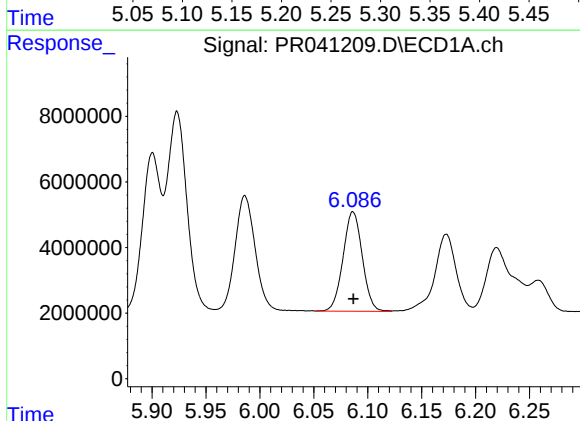
R.T.: 5.986 min
Delta R.T.: -0.001 min
Response: 45809570
Conc: 488.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660328



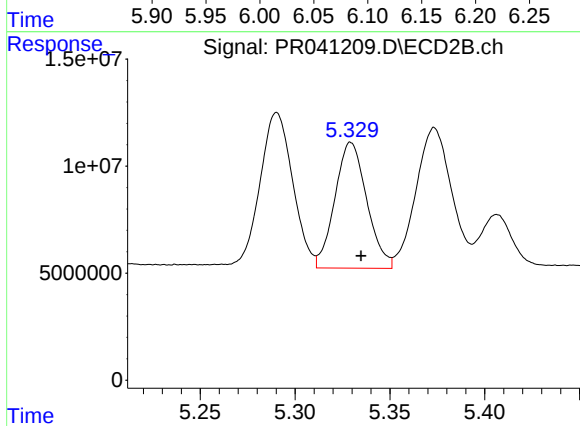
#5 AR-1016-3

R.T.: 5.290 min
Delta R.T.: -0.005 min
Response: 89572020
Conc: 440.88 ng/ml



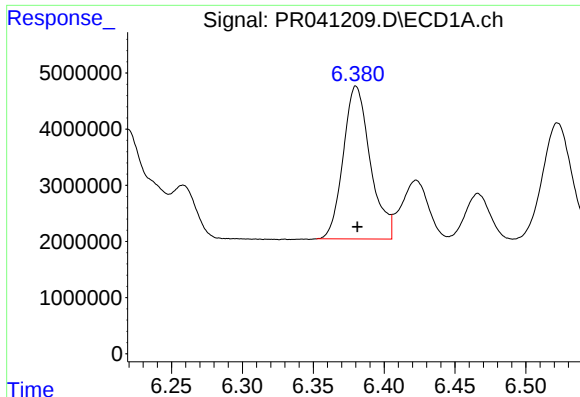
#6 AR-1016-4

R.T.: 6.086 min
Delta R.T.: 0.000 min
Response: 37600973
Conc: 481.83 ng/ml



#6 AR-1016-4

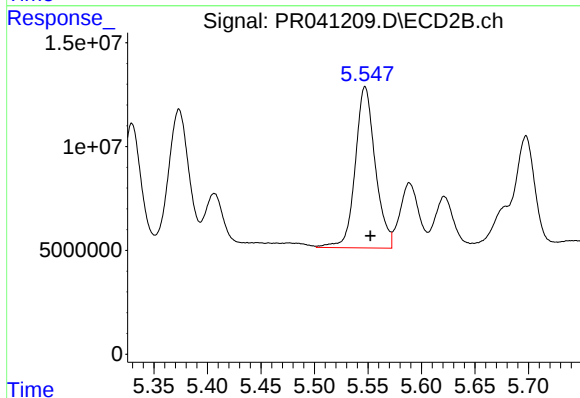
R.T.: 5.329 min
Delta R.T.: -0.005 min
Response: 68902188
Conc: 421.90 ng/ml



#7 AR-1016-5

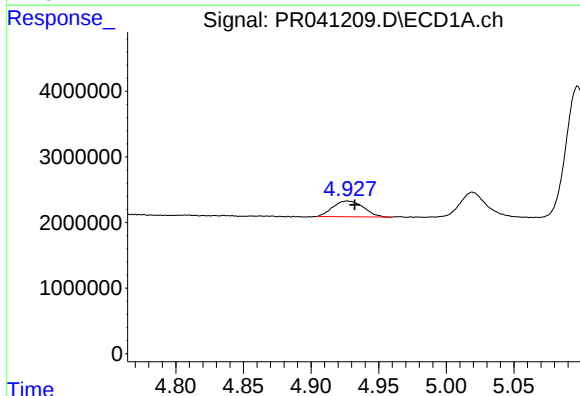
R.T.: 6.380 min
Delta R.T.: 0.000 min
Response: 36177470
Conc: 464.10 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660328



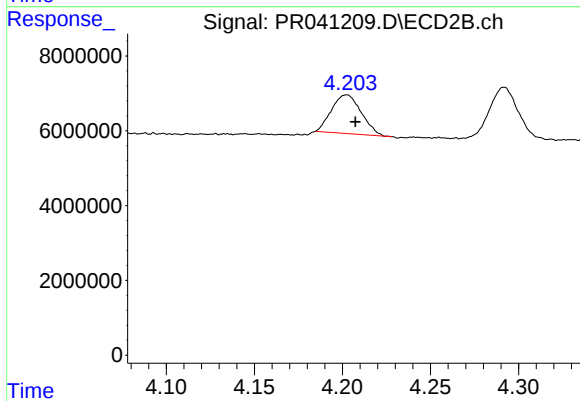
#7 AR-1016-5

R.T.: 5.547 min
Delta R.T.: -0.005 min
Response: 101315825
Conc: 435.94 ng/ml



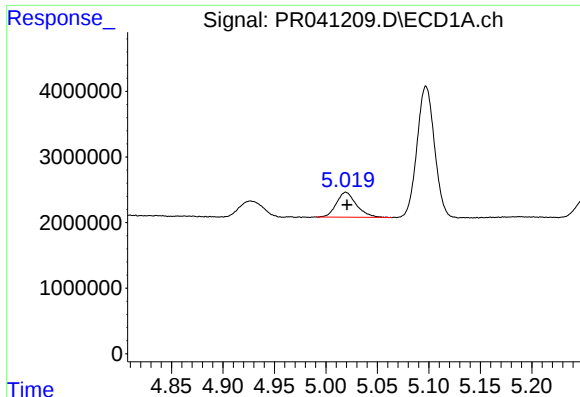
#8 AR-1221-1

R.T.: 4.927 min
Delta R.T.: -0.005 min
Response: 3764963
Conc: 122.24 ng/ml



#8 AR-1221-1

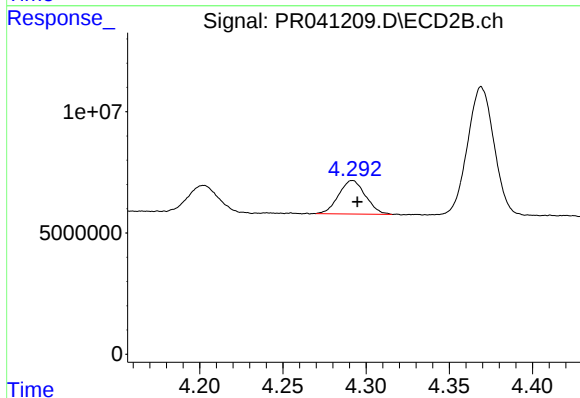
R.T.: 4.202 min
Delta R.T.: -0.005 min
Response: 12090430
Conc: 100.76 ng/ml



#9 AR-1221-2

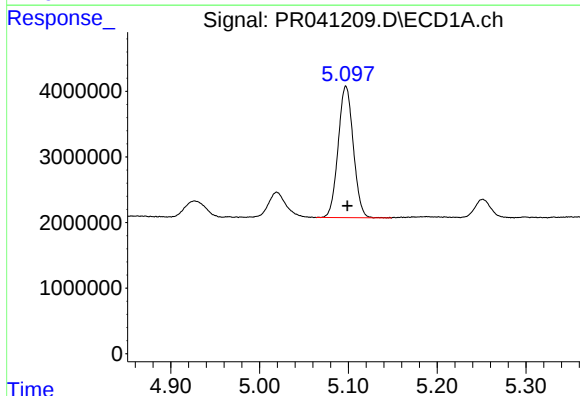
R.T.: 5.019 min
Delta R.T.: -0.001 min
Response: 5154823
Conc: 209.85 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660328



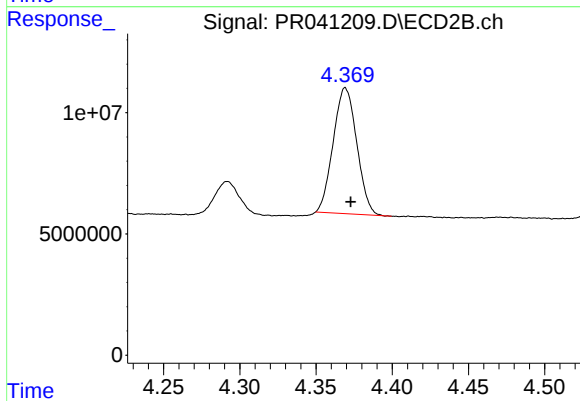
#9 AR-1221-2

R.T.: 4.292 min
Delta R.T.: -0.003 min
Response: 15415601
Conc: 200.75 ng/ml



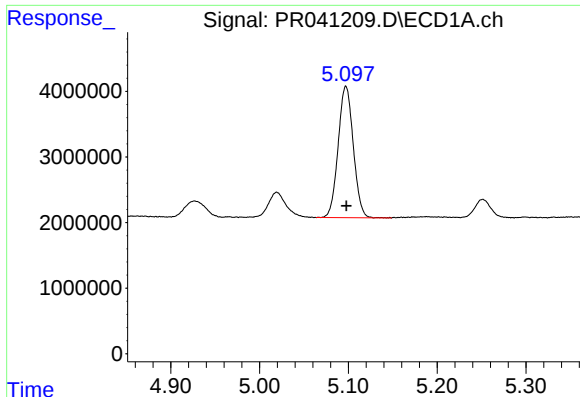
#10 AR-1221-3

R.T.: 5.097 min
Delta R.T.: -0.002 min
Response: 23737872
Conc: 300.12 ng/ml



#10 AR-1221-3

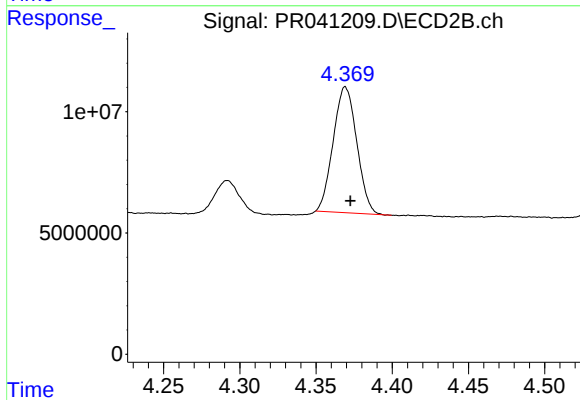
R.T.: 4.369 min
Delta R.T.: -0.004 min
Response: 55791917
Conc: 246.40 ng/ml



#11 AR-1232-1

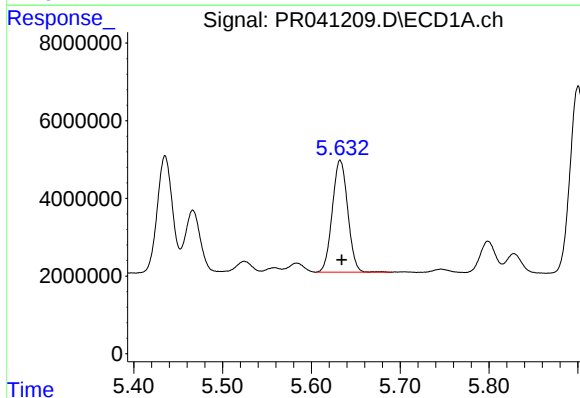
R.T.: 5.097 min
Delta R.T.: 0.000 min
Response: 23737872
Conc: 474.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660328



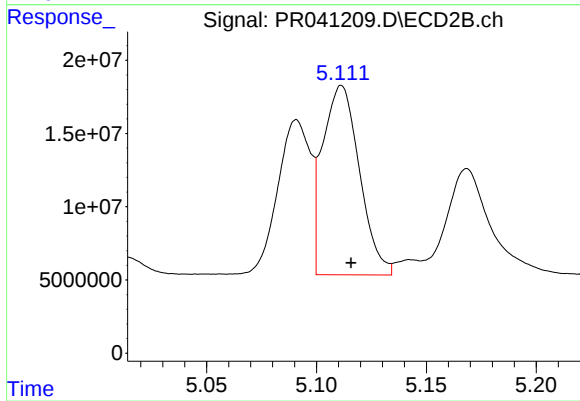
#11 AR-1232-1

R.T.: 4.369 min
Delta R.T.: -0.003 min
Response: 55791917
Conc: 412.17 ng/ml



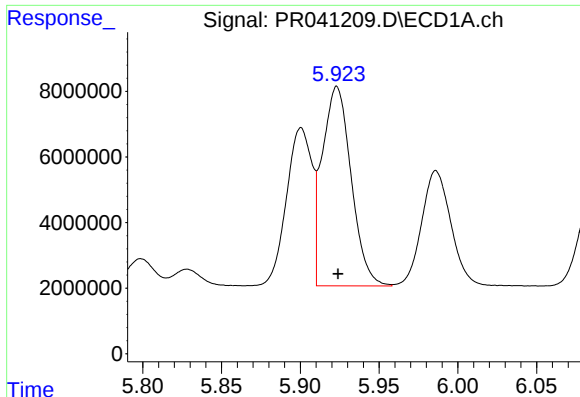
#12 AR-1232-2

R.T.: 5.633 min
Delta R.T.: -0.002 min
Response: 34794166
Conc: 1322.73 ng/ml



#12 AR-1232-2

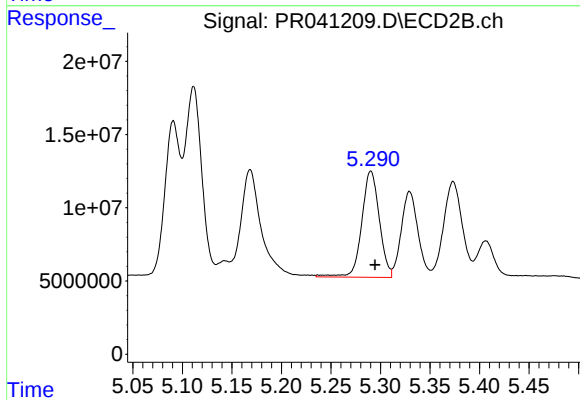
R.T.: 5.111 min
Delta R.T.: -0.004 min
Response: 150755748
Conc: 1160.49 ng/ml



#13 AR-1232-3

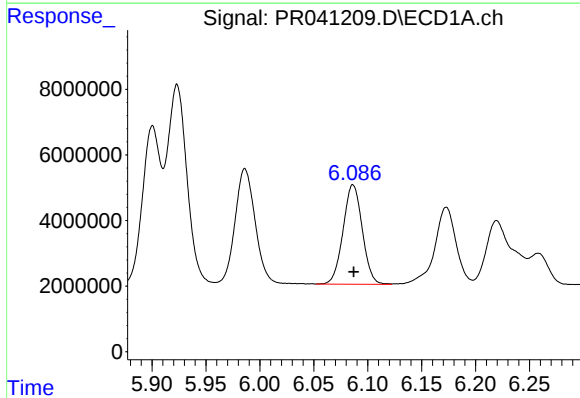
R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 77766406
Conc: 1408.57 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660328



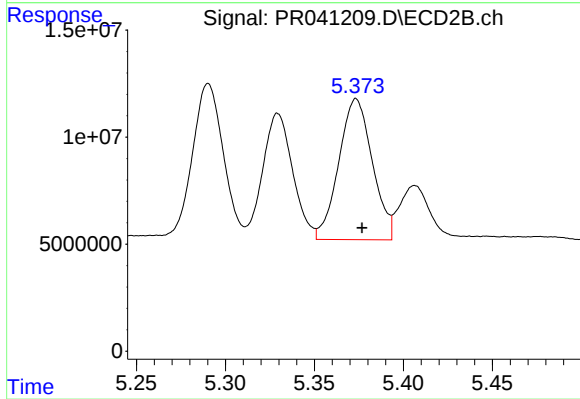
#13 AR-1232-3

R.T.: 5.290 min
Delta R.T.: -0.004 min
Response: 89572020
Conc: 1219.40 ng/ml



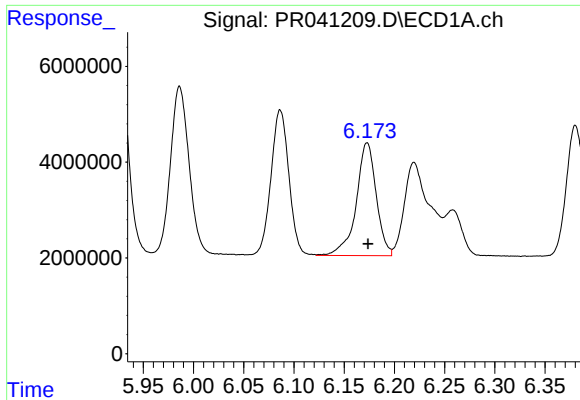
#14 AR-1232-4

R.T.: 6.086 min
Delta R.T.: 0.000 min
Response: 37600973
Conc: 1345.04 ng/ml



#14 AR-1232-4

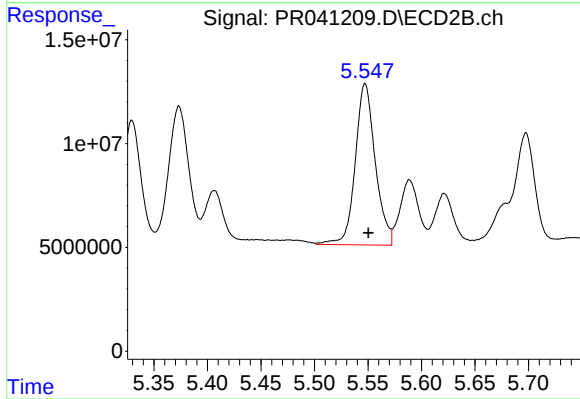
R.T.: 5.373 min
Delta R.T.: -0.003 min
Response: 86454773
Conc: 1301.58 ng/ml



#15 AR-1232-5

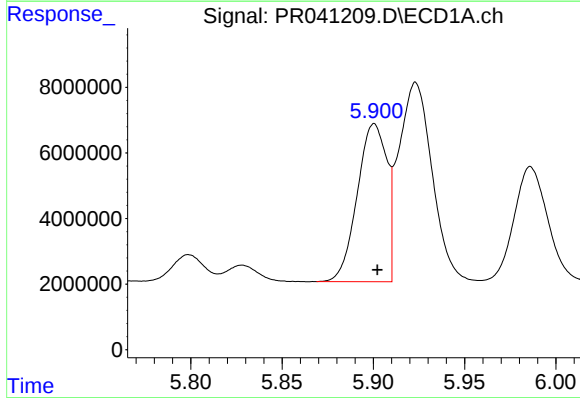
R.T.: 6.173 min
Delta R.T.: -0.001 min
Response: 32656535
Conc: 1564.70 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660328



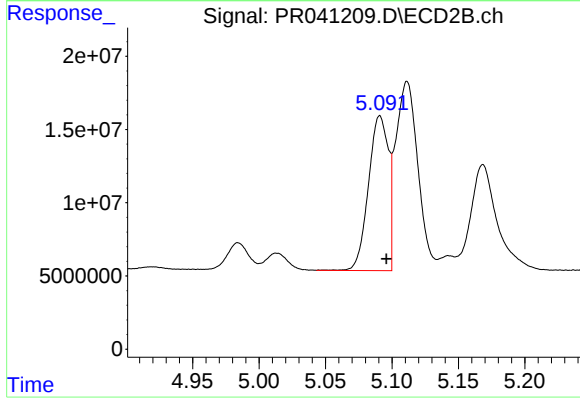
#15 AR-1232-5

R.T.: 5.547 min
Delta R.T.: -0.003 min
Response: 101315825
Conc: 1229.51 ng/ml



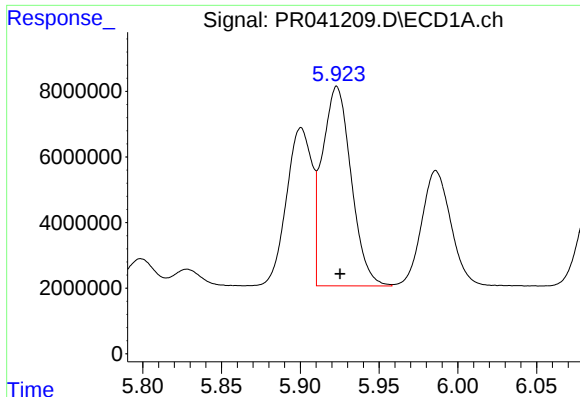
#16 AR-1242-1

R.T.: 5.901 min
Delta R.T.: -0.002 min
Response: 54192017
Conc: 729.33 ng/ml



#16 AR-1242-1

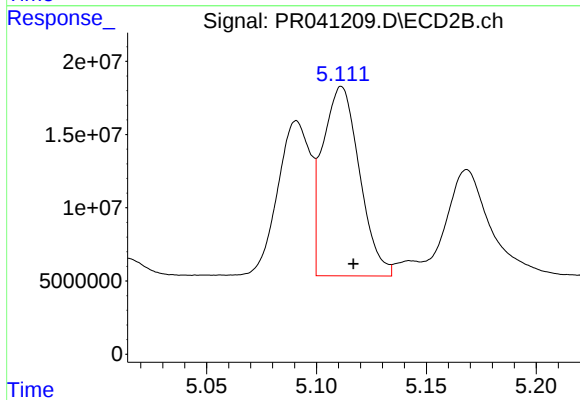
R.T.: 5.091 min
Delta R.T.: -0.005 min
Response: 110020836
Conc: 633.27 ng/ml



#17 AR-1242-2

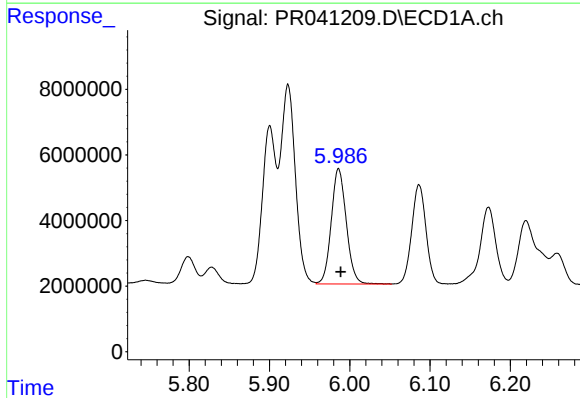
R.T.: 5.923 min
Delta R.T.: -0.002 min
Response: 77766406
Conc: 742.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660328



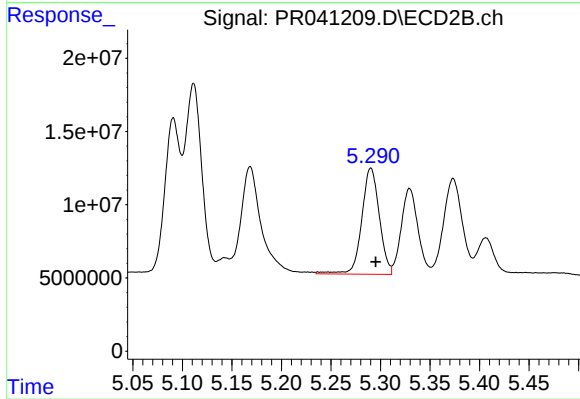
#17 AR-1242-2

R.T.: 5.111 min
Delta R.T.: -0.005 min
Response: 150755748
Conc: 629.91 ng/ml



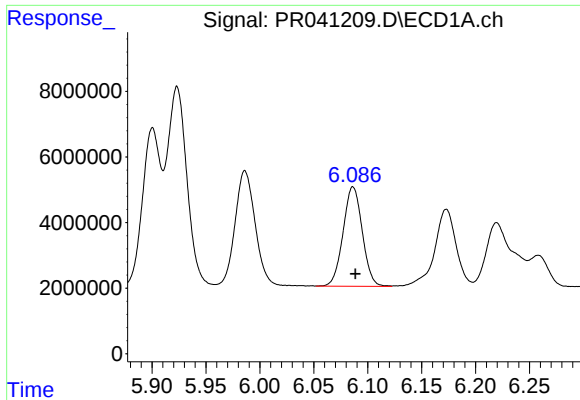
#18 AR-1242-3

R.T.: 5.986 min
Delta R.T.: -0.002 min
Response: 45809570
Conc: 723.76 ng/ml



#18 AR-1242-3

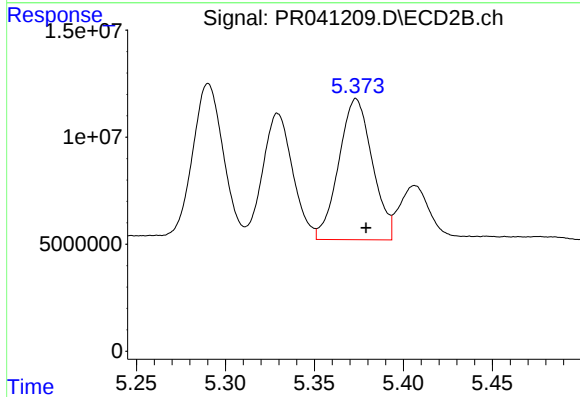
R.T.: 5.290 min
Delta R.T.: -0.005 min
Response: 89572020
Conc: 659.75 ng/ml



#19 AR-1242-4

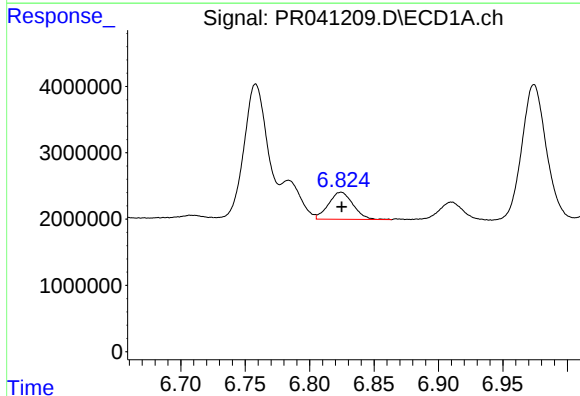
R.T.: 6.086 min
Delta R.T.: -0.002 min
Response: 37600973
Conc: 711.57 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660328



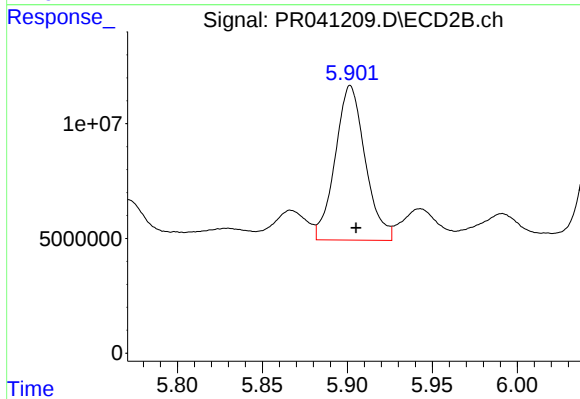
#19 AR-1242-4

R.T.: 5.373 min
Delta R.T.: -0.006 min
Response: 86454773
Conc: 628.72 ng/ml



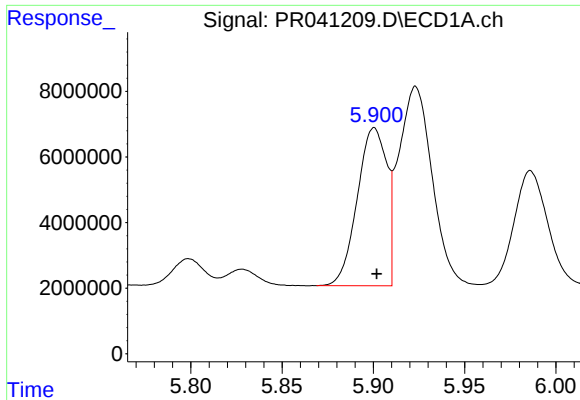
#20 AR-1242-5

R.T.: 6.824 min
Delta R.T.: 0.000 min
Response: 5426999
Conc: 86.13 ng/ml



#20 AR-1242-5

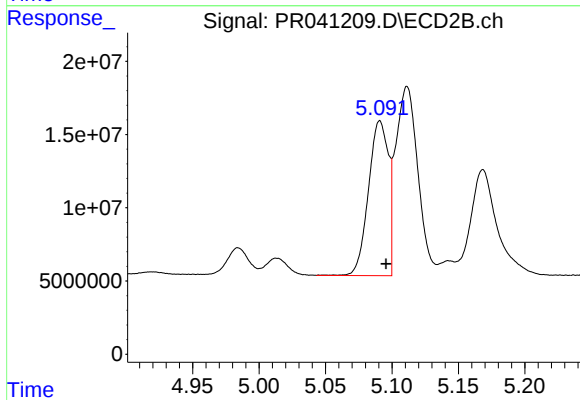
R.T.: 5.902 min
Delta R.T.: -0.003 min
Response: 82767908
Conc: 360.89 ng/ml



#21 AR-1248-1

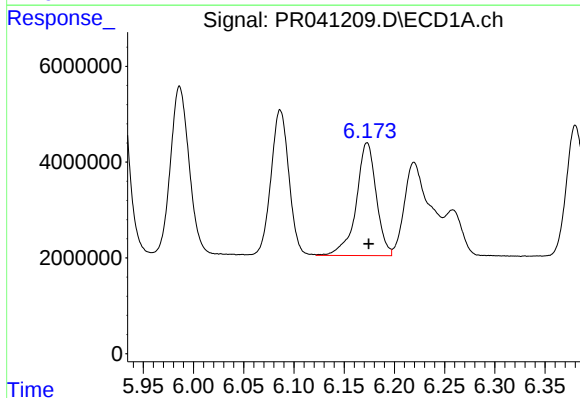
R.T.: 5.901 min
Delta R.T.: -0.001 min
Response: 54192017
Conc: 925.49 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660328



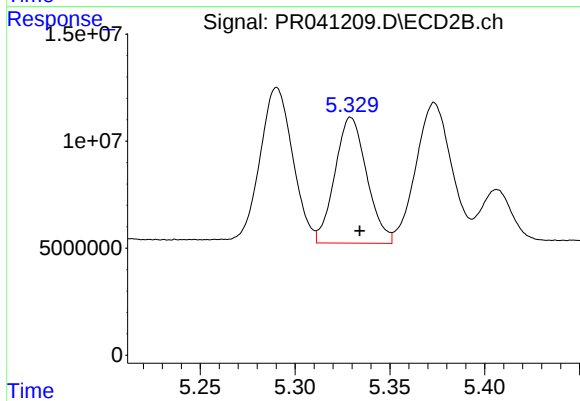
#21 AR-1248-1

R.T.: 5.091 min
Delta R.T.: -0.005 min
Response: 110020836
Conc: 794.12 ng/ml



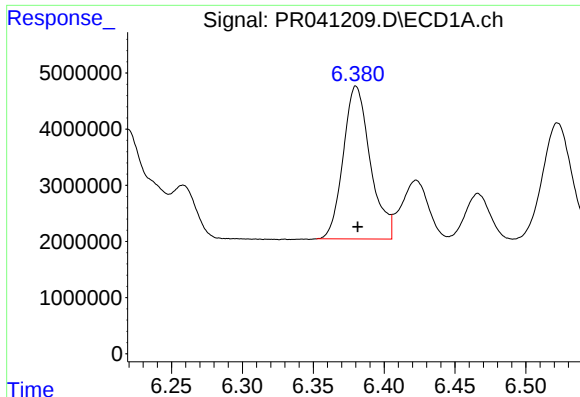
#22 AR-1248-2

R.T.: 6.173 min
Delta R.T.: -0.001 min
Response: 32656535
Conc: 391.60 ng/ml



#22 AR-1248-2

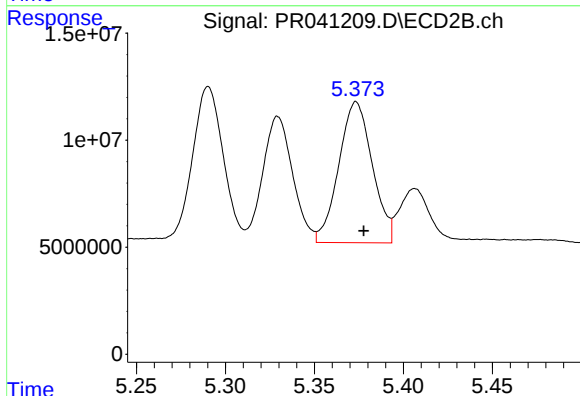
R.T.: 5.329 min
Delta R.T.: -0.005 min
Response: 68902188
Conc: 350.30 ng/ml



#23 AR-1248-3

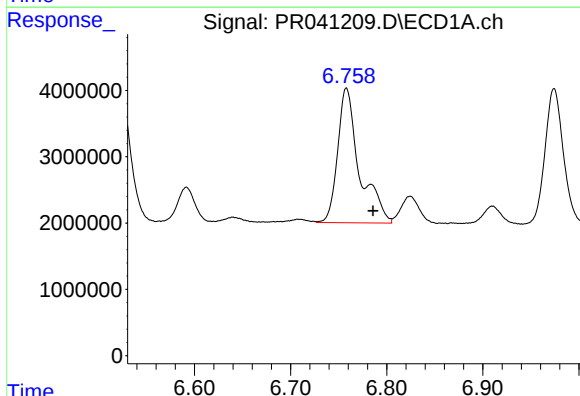
R.T.: 6.380 min
Delta R.T.: -0.001 min
Response: 36177470
Conc: 383.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660328



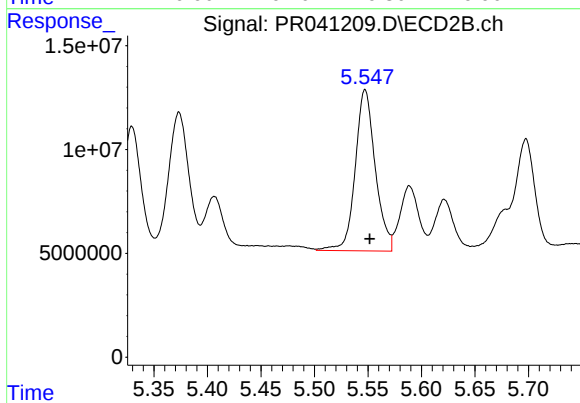
#23 AR-1248-3

R.T.: 5.373 min
Delta R.T.: -0.004 min
Response: 86454773
Conc: 425.52 ng/ml



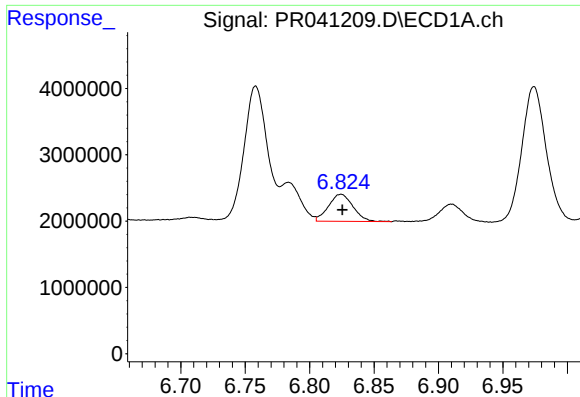
#24 AR-1248-4

R.T.: 6.758 min
Delta R.T.: -0.028 min
Response: 31842471
Conc: 272.46 ng/ml



#24 AR-1248-4

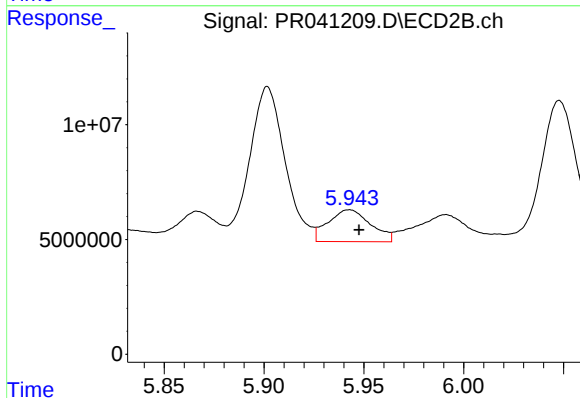
R.T.: 5.547 min
Delta R.T.: -0.004 min
Response: 101315825
Conc: 384.31 ng/ml



#25 AR-1248-5

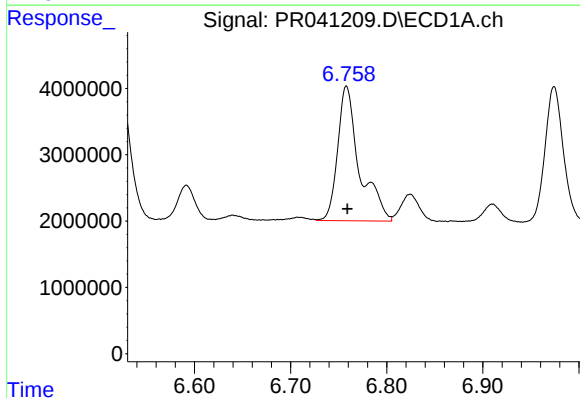
R.T.: 6.824 min
Delta R.T.: -0.001 min
Response: 5426999
Conc: 49.49 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660328



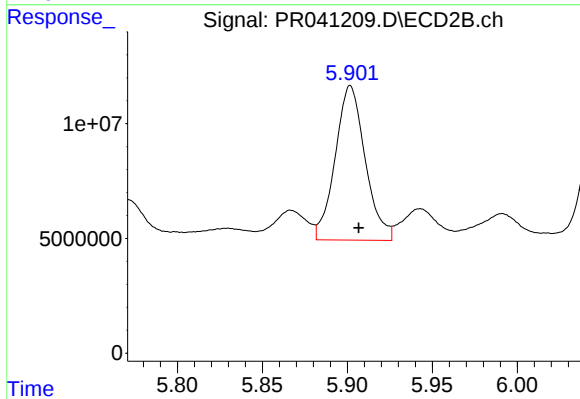
#25 AR-1248-5

R.T.: 5.943 min
Delta R.T.: -0.005 min
Response: 20582755
Conc: 65.13 ng/ml



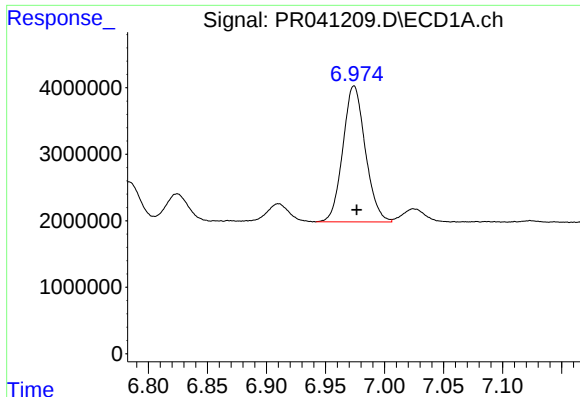
#26 AR-1254-1

R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 31842471
Conc: 259.77 ng/ml



#26 AR-1254-1

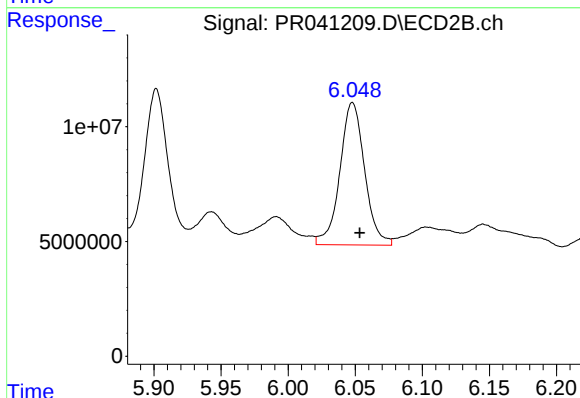
R.T.: 5.902 min
Delta R.T.: -0.005 min
Response: 82767908
Conc: 172.88 ng/ml



#27 AR-1254-2

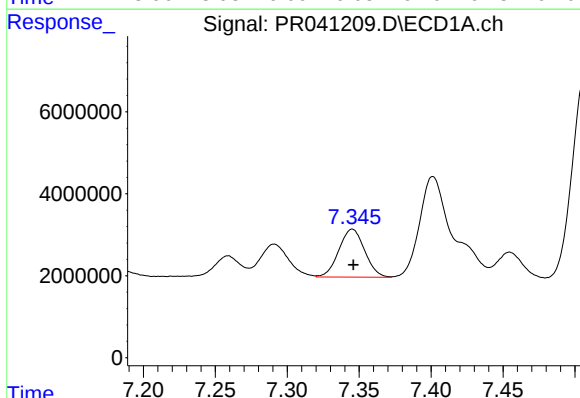
R.T.: 6.974 min
Delta R.T.: -0.002 min
Response: 27083162
Conc: 141.45 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660328



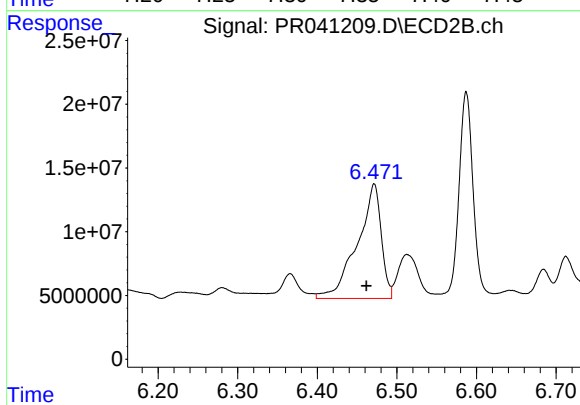
#27 AR-1254-2

R.T.: 6.048 min
Delta R.T.: -0.005 min
Response: 79677501
Conc: 180.44 ng/ml



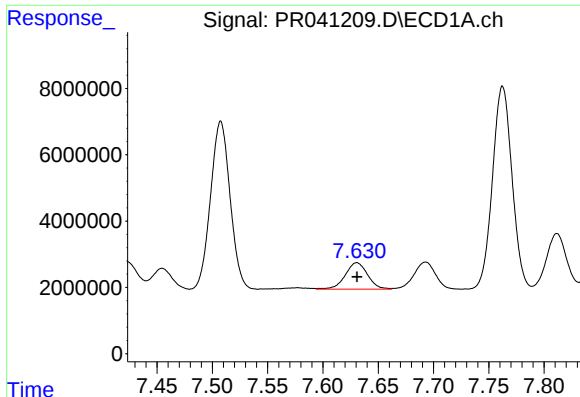
#28 AR-1254-3

R.T.: 7.345 min
Delta R.T.: 0.000 min
Response: 14699809
Conc: 67.93 ng/ml



#28 AR-1254-3

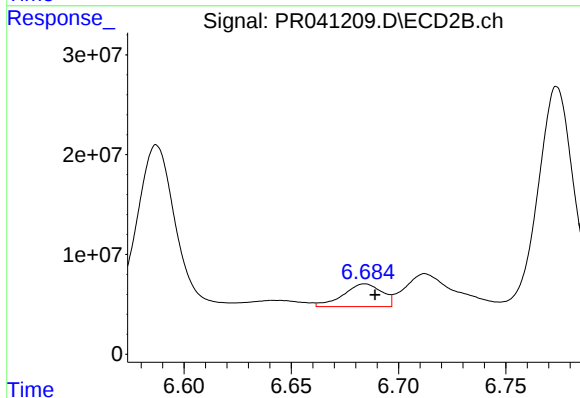
R.T.: 6.472 min
Delta R.T.: 0.010 min
Response: 187624229
Conc: 249.41 ng/ml



#29 AR-1254-4

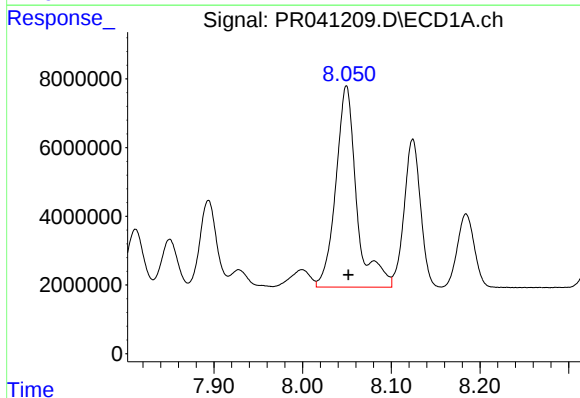
R.T.: 7.631 min
Delta R.T.: 0.000 min
Response: 11298059
Conc: 69.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660328



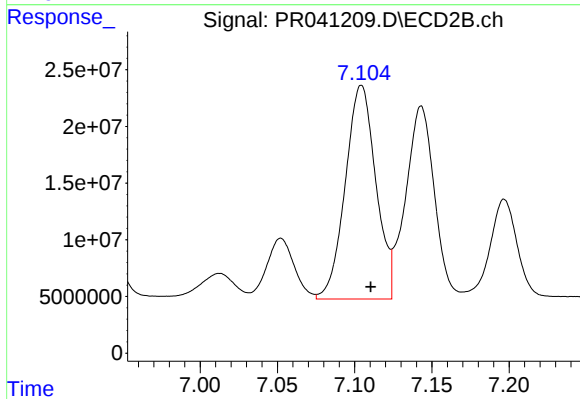
#29 AR-1254-4

R.T.: 6.684 min
Delta R.T.: -0.005 min
Response: 28560851
Conc: 54.62 ng/ml



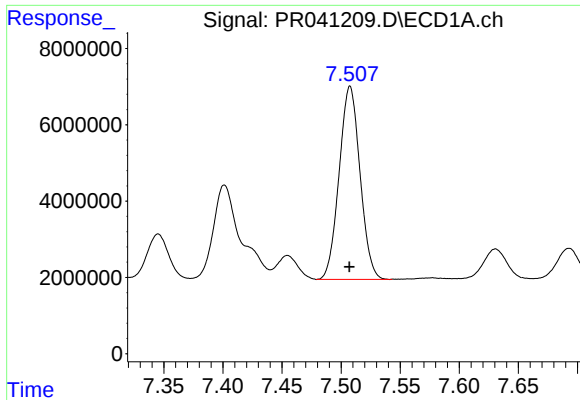
#30 AR-1254-5

R.T.: 8.049 min
Delta R.T.: -0.002 min
Response: 95947403
Conc: 525.28 ng/ml



#30 AR-1254-5

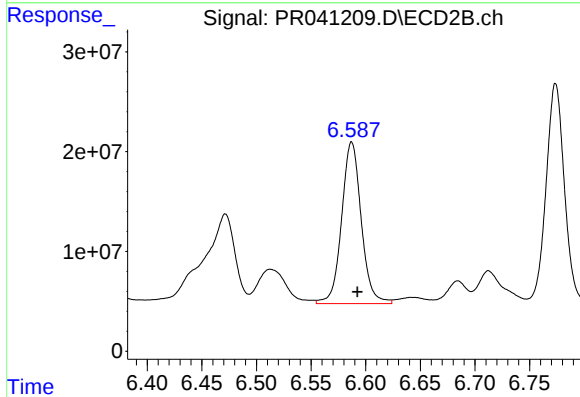
R.T.: 7.104 min
Delta R.T.: -0.006 min
Response: 259909192
Conc: 406.81 ng/ml



#31 AR-1260-1

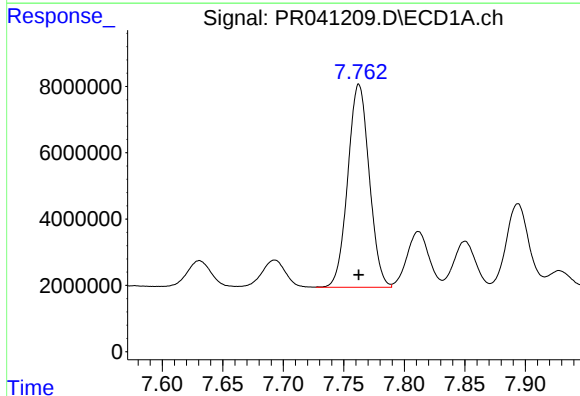
R.T.: 7.508 min
Delta R.T.: 0.000 min
Response: 62254672
Conc: 403.27 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660328



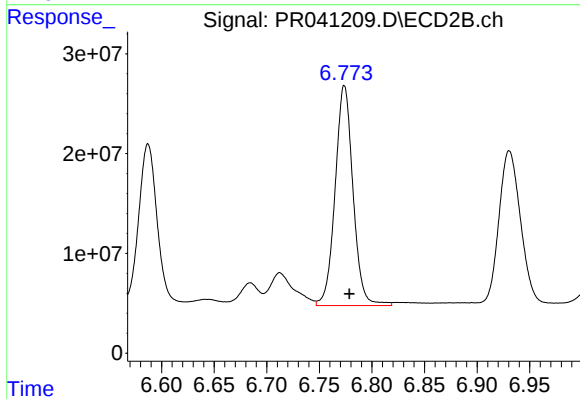
#31 AR-1260-1

R.T.: 6.587 min
Delta R.T.: -0.005 min
Response: 202590477
Conc: 397.67 ng/ml



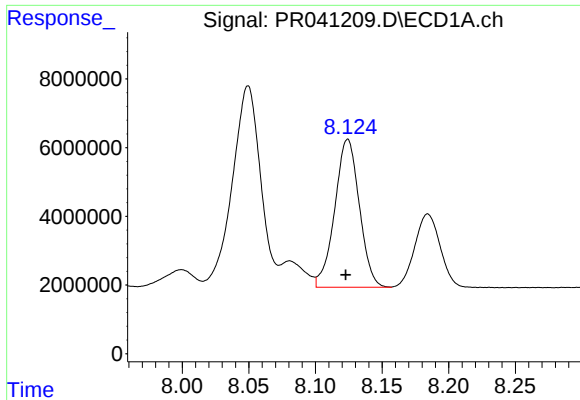
#32 AR-1260-2

R.T.: 7.762 min
Delta R.T.: 0.000 min
Response: 75550573
Conc: 410.68 ng/ml



#32 AR-1260-2

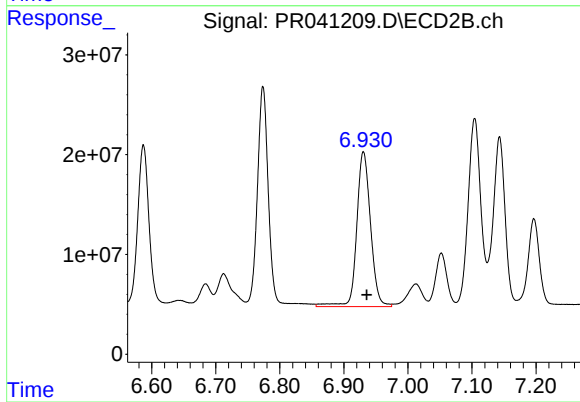
R.T.: 6.774 min
Delta R.T.: -0.005 min
Response: 261286243
Conc: 411.01 ng/ml



#33 AR-1260-3

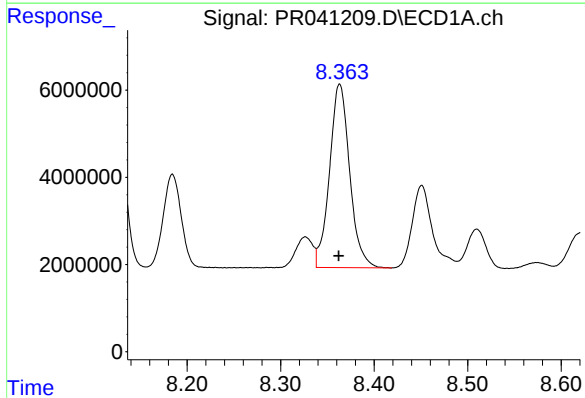
R.T.: 8.124 min
Delta R.T.: 0.001 min
Response: 55361447
Conc: 398.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660328



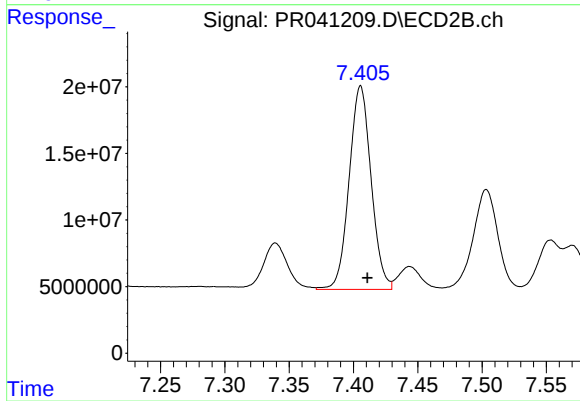
#33 AR-1260-3

R.T.: 6.931 min
Delta R.T.: -0.005 min
Response: 232919907
Conc: 403.85 ng/ml



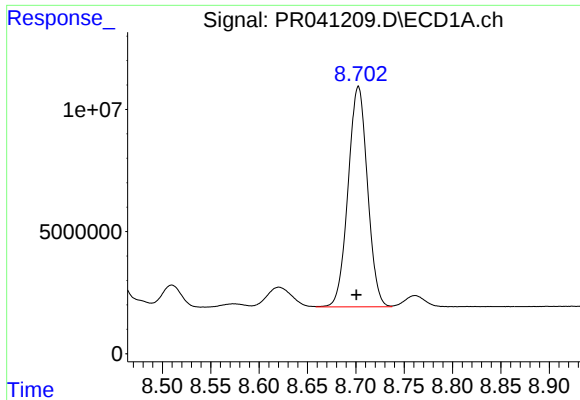
#34 AR-1260-4

R.T.: 8.363 min
Delta R.T.: 0.001 min
Response: 63149055
Conc: 388.37 ng/ml



#34 AR-1260-4

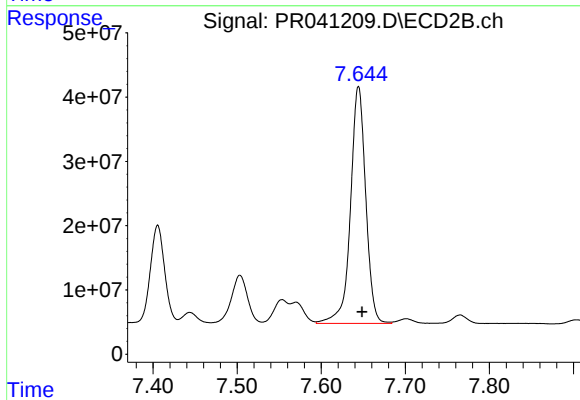
R.T.: 7.406 min
Delta R.T.: -0.005 min
Response: 181907569
Conc: 368.45 ng/ml



#35 AR-1260-5

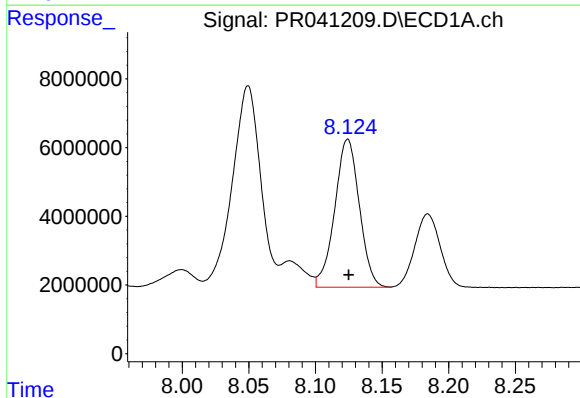
R.T.: 8.703 min
Delta R.T.: 0.002 min
Response: 125949437
Conc: 368.46 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660328



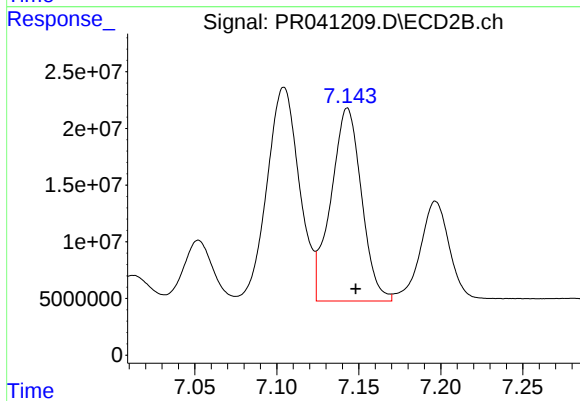
#35 AR-1260-5

R.T.: 7.644 min
Delta R.T.: -0.004 min
Response: 465938786
Conc: 358.12 ng/ml



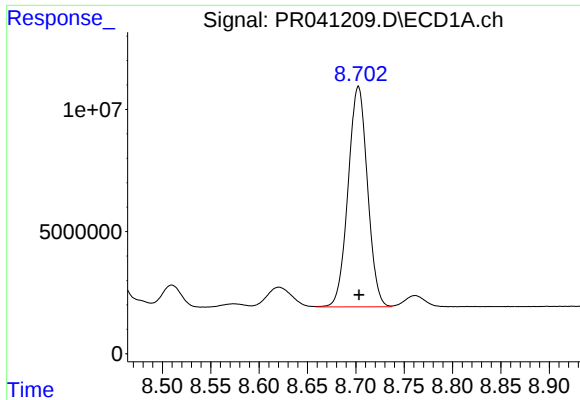
#36 AR-1262-1

R.T.: 8.124 min
Delta R.T.: 0.000 min
Response: 55361447
Conc: 244.24 ng/ml



#36 AR-1262-1

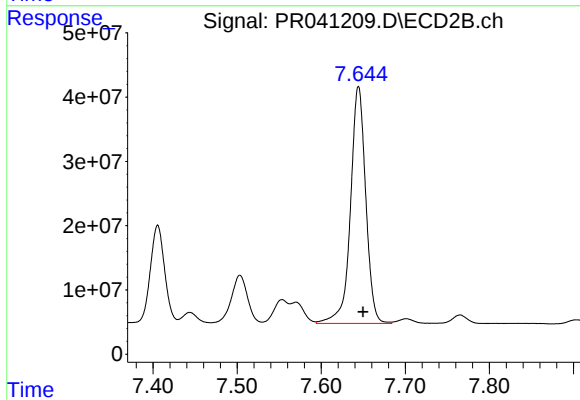
R.T.: 7.143 min
Delta R.T.: -0.005 min
Response: 221301131
Conc: 270.03 ng/ml



#37 AR-1262-2

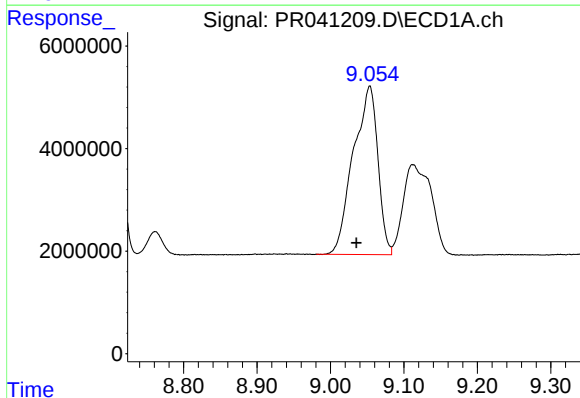
R.T.: 8.703 min
Delta R.T.: 0.000 min
Response: 125949437
Conc: 287.45 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660328



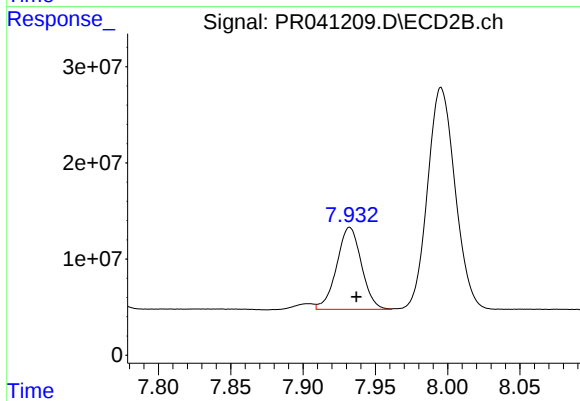
#37 AR-1262-2

R.T.: 7.644 min
Delta R.T.: -0.005 min
Response: 465938786
Conc: 298.61 ng/ml



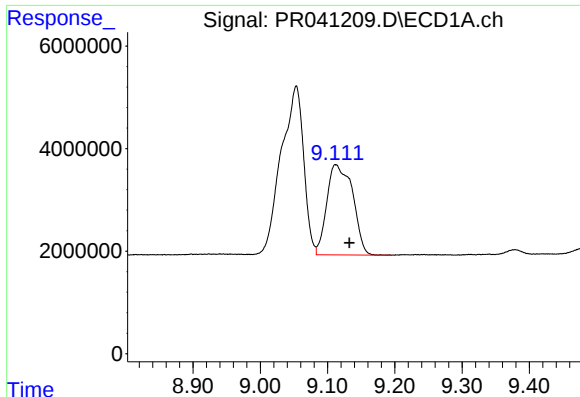
#38 AR-1262-3

R.T.: 9.053 min
Delta R.T.: 0.018 min
Response: 76186667
Conc: 271.38 ng/ml



#38 AR-1262-3

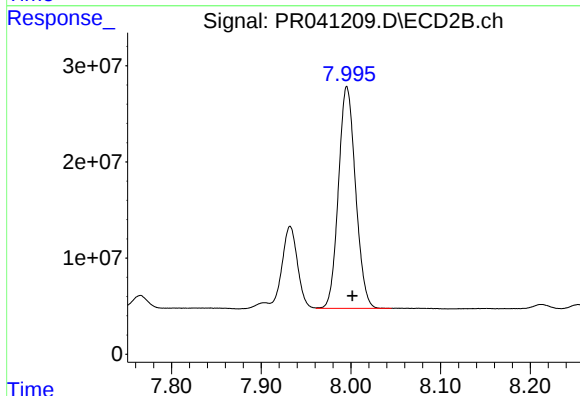
R.T.: 7.932 min
Delta R.T.: -0.005 min
Response: 101744289
Conc: 168.49 ng/ml



#39 AR-1262-4

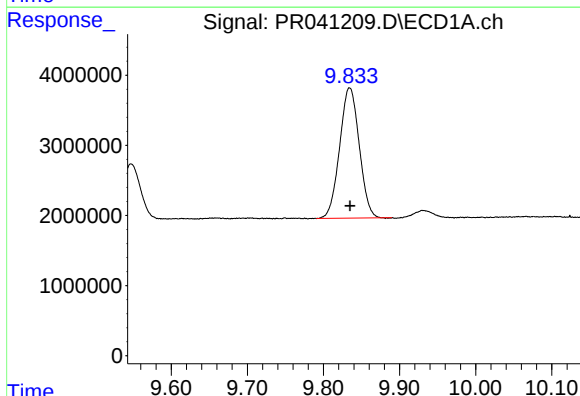
R.T.: 9.113 min
Delta R.T.: -0.020 min
Response: 46982218
Conc: 231.21 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660328



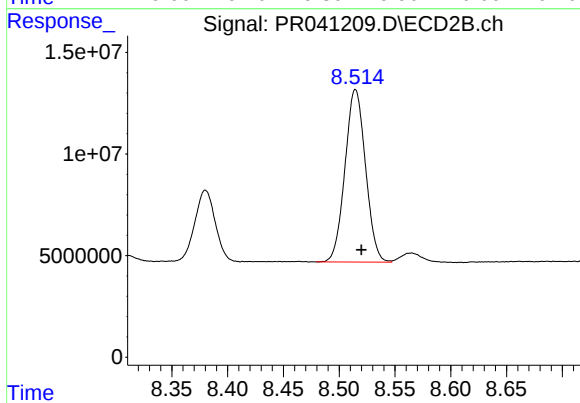
#39 AR-1262-4

R.T.: 7.996 min
Delta R.T.: -0.006 min
Response: 305110869
Conc: 273.62 ng/ml



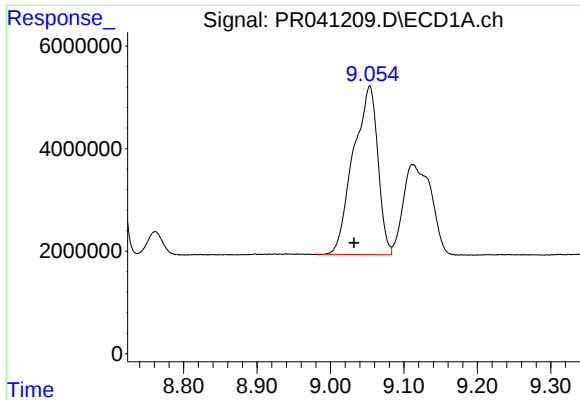
#40 AR-1262-5

R.T.: 9.834 min
Delta R.T.: 0.000 min
Response: 33228342
Conc: 228.94 ng/ml



#40 AR-1262-5

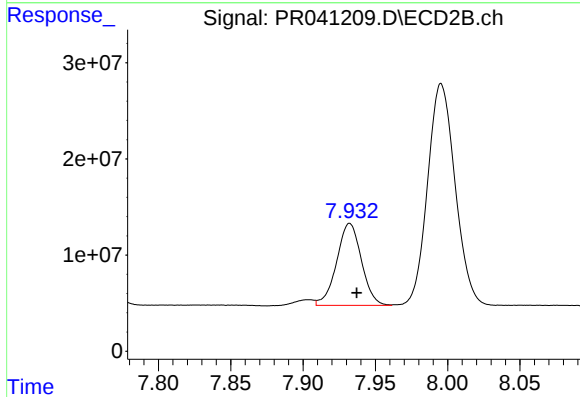
R.T.: 8.515 min
Delta R.T.: -0.005 min
Response: 108995948
Conc: 208.58 ng/ml



#41 AR-1268-1

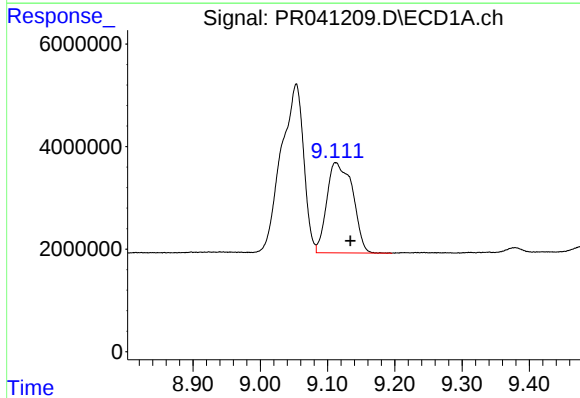
R.T.: 9.053 min
Delta R.T.: 0.021 min
Response: 76186667
Conc: 170.87 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660328



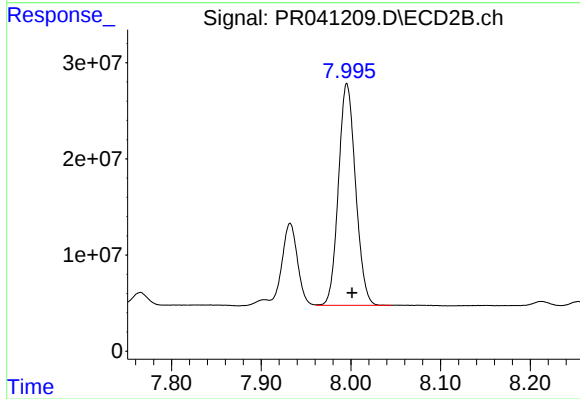
#41 AR-1268-1

R.T.: 7.932 min
Delta R.T.: -0.005 min
Response: 101744289
Conc: 63.45 ng/ml



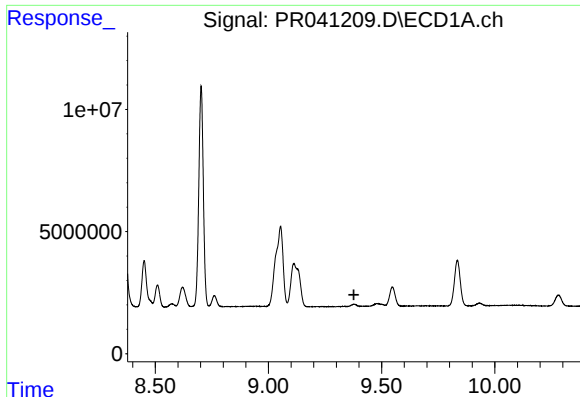
#42 AR-1268-2

R.T.: 9.113 min
Delta R.T.: -0.021 min
Response: 46982218
Conc: 115.08 ng/ml



#42 AR-1268-2

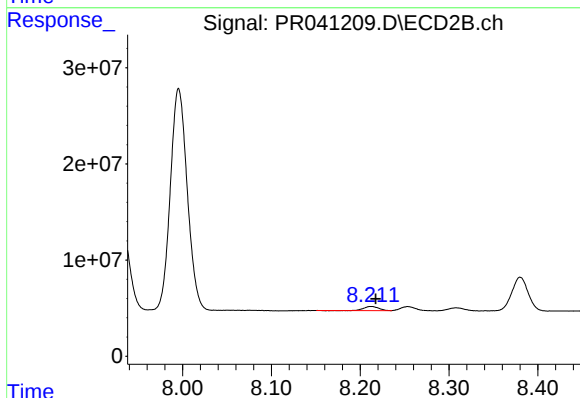
R.T.: 7.996 min
Delta R.T.: -0.006 min
Response: 305110869
Conc: 204.16 ng/ml



#43 AR-1268-3

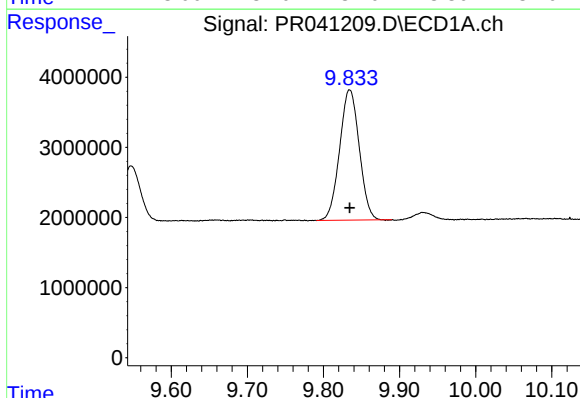
R.T.: 0.000 min
Exp R.T.: 9.378 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1660328



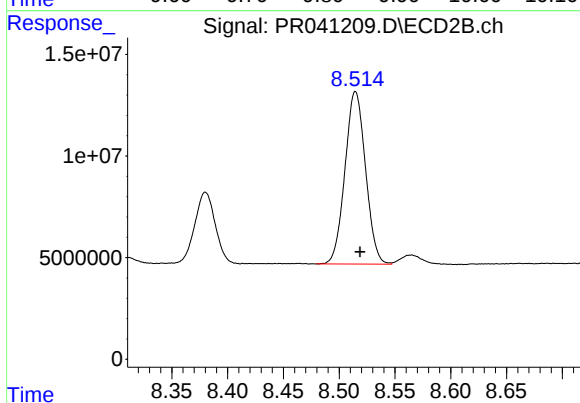
#43 AR-1268-3

R.T.: 8.212 min
Delta R.T.: -0.005 min
Response: 5069217
Conc: 4.06 ng/ml



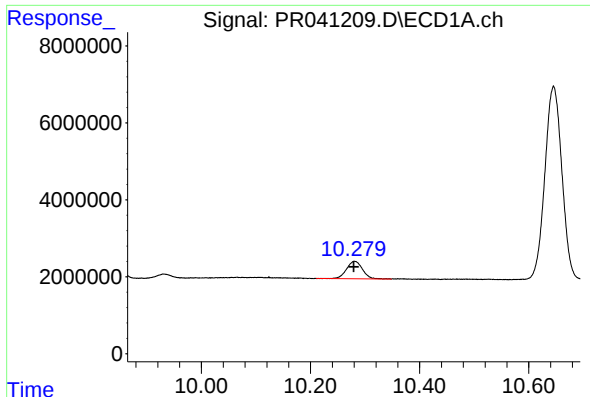
#44 AR-1268-4

R.T.: 9.834 min
Delta R.T.: 0.000 min
Response: 33228342
Conc: 231.69 ng/ml



#44 AR-1268-4

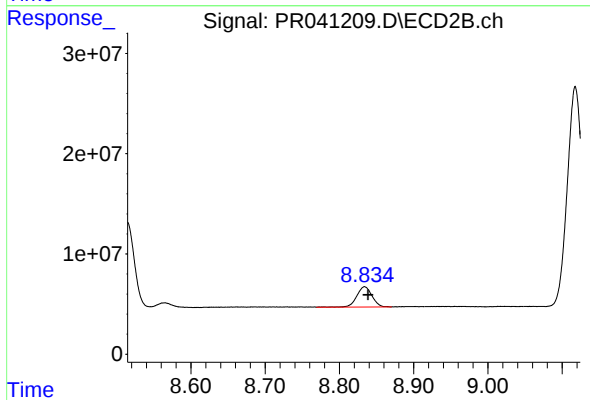
R.T.: 8.515 min
Delta R.T.: -0.004 min
Response: 108995948
Conc: 209.30 ng/ml



#45 AR-1268-5

R.T.: 10.281 min
Delta R.T.: 0.002 min
Response: 9240899
Conc: 8.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660328



#45 AR-1268-5

R.T.: 8.834 min
Delta R.T.: -0.005 min
Response: 28571542
Conc: 7.75 ng/ml