

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091119\
 Data File : PR040944.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2019 08:54
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1660312

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 02:25:07 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...	4.726	3.994	51238595	216.8E6	16.672	16.283
2)	SA Decachlor...	10.646	9.121	132.5E6	409.6E6	47.619	41.902
Target Compounds							
3)	L1 AR-1016-1	5.902	5.094	41579655	91575297	368.755	345.980
4)	L1 AR-1016-2	5.925	5.115	58771574	126.2E6	369.356	343.717
5)	L1 AR-1016-3	5.988	5.293	34842689	73815140	371.858	363.321
6)	L1 AR-1016-4	6.088	5.333	29259887	59092038	374.947	361.828
7)	L1 AR-1016-5	6.382	5.550	29306078	84248476	375.952	362.506
8)	L2 AR-1221-1	4.929	4.205	2810505	10023980	91.253	83.540
9)	L2 AR-1221-2	5.021	4.295	3981306	11942343	162.074	155.517
10)	L2 AR-1221-3	5.100	4.372	17277390	45259645	218.440	199.881
11)	L3 AR-1232-1	5.100	4.372	17277390	45259645	345.654	334.360
12)	L3 AR-1232-2	5.634	5.115	25999685	126.2E6	988.398	971.084
13)	L3 AR-1232-3	5.925	5.293	58771574	73815140	1064.519	1004.888
14)	L3 AR-1232-4	6.088	5.377	29259887	73274146	1046.665	1103.147
15)	L3 AR-1232-5	6.175	5.550	25585400	84248476	1225.892	1022.388
16)	L4 AR-1242-1	5.902	5.094	41579655	91575297	559.592	527.097
17)	L4 AR-1242-2	5.925	5.115	58771574	126.2E6	560.774	527.103
18)	L4 AR-1242-3	5.988	5.293	34842689	73815140	550.491	543.689
19)	L4 AR-1242-4	6.088	5.377	29259887	73274146	553.723	532.867
20)	L4 AR-1242-5	6.826	5.905	4718763	70534487	74.887	307.546 #
21)	L5 AR-1248-1	5.902	5.094	41579655	91575297	710.098	660.982
22)	L5 AR-1248-2	6.175	5.333	25585400	59092038	306.805	300.425
23)	L5 AR-1248-3	6.382	5.377	29306078	73274146	310.636	360.647
24)	L5 AR-1248-4	6.785	5.550	5039784	84248476	43.123	319.569 #
25)	L5 AR-1248-5	6.826	5.946	4718763	14880269	43.029	47.085
26)	L6 AR-1254-1	6.760	5.905	20801401	70534487	169.700	147.327
27)	L6 AR-1254-2	6.976	6.052	23036373	68858405	120.318	155.941 #
28)	L6 AR-1254-3	7.346	6.475	13898027	163.3E6	64.222	217.050 #
29)	L6 AR-1254-4	7.632	6.688	10523741	21511250	64.603	41.138 #
30)	L6 AR-1254-5	8.050	7.108	85661601	256.0E6	468.966	400.766
31)	L7 AR-1260-1	7.509	6.590	57818489	182.7E6	374.538	358.643
32)	L7 AR-1260-2	7.763	6.777	71188431	240.5E6	386.964	378.378
33)	L7 AR-1260-3	8.125	6.934	54649789	212.0E6	393.650	367.494
34)	L7 AR-1260-4	8.365	7.409	63951501	184.8E6	393.309	374.363
35)	L7 AR-1260-5	8.703	7.648	137.6E6	511.1E6	402.462	392.853
36)	L8 AR-1262-1	8.125	7.146	54649789	213.7E6	241.101	260.795
37)	L8 AR-1262-2	8.703	7.648	137.6E6	511.1E6	313.975	327.565
38)	L8 AR-1262-3	9.055	7.935	86664189	113.3E6	308.697	187.565 #
39)	L8 AR-1262-4	9.112	7.998	52405960	357.1E6	257.901	320.251
40)	L8 AR-1262-5	9.836	8.517	40117973	136.0E6	276.408	260.201
41)	L9 AR-1268-1	9.055	7.935	86664189	113.3E6	194.373	70.639 #
42)	L9 AR-1268-2	9.112	7.998	52405960	357.1E6	128.361	238.958 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091119\
 Data File : PR040944.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2019 08:54
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1660312

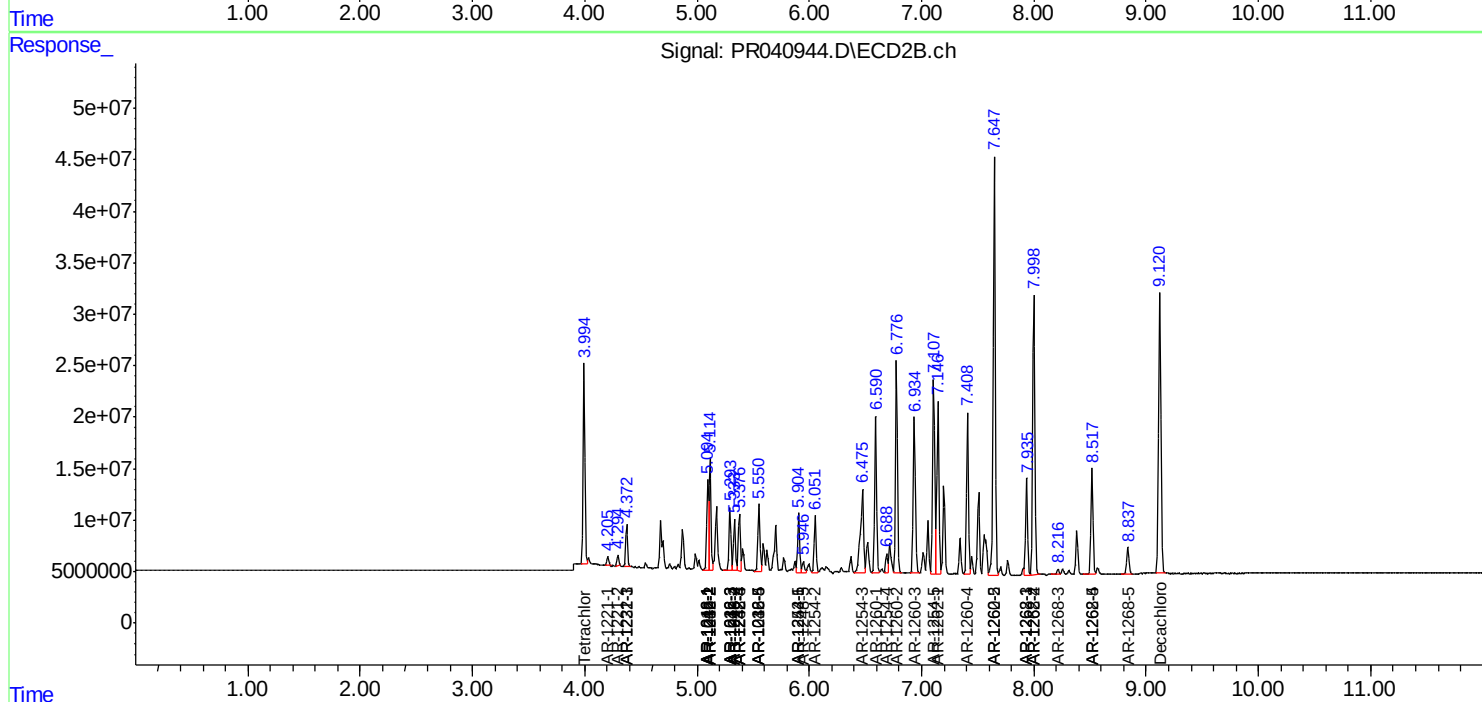
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 02:25:07 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091019CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 10 13:01:53 2019
 Response via : Initial Calibration
 Integrator: ChemStation

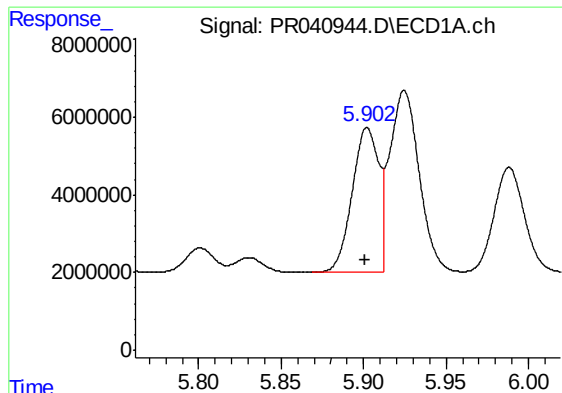
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	9.379	8.216	1753938	6124050	5.185	4.901
44) L9	AR-1268-4	9.836	8.517	40117973	136.0E6	279.725	261.094
45) L9	AR-1268-5	10.281	8.837	10886167	36388254	9.597	9.864

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

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

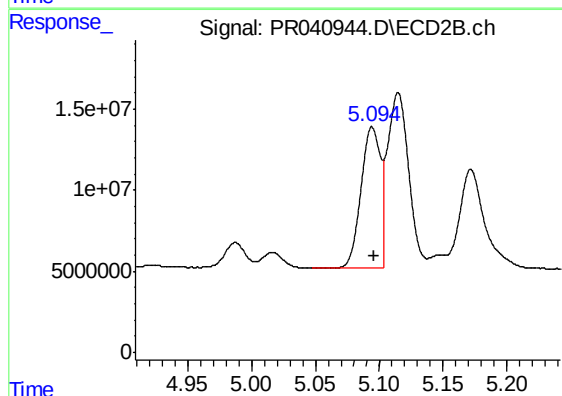




#3 AR-1016-1

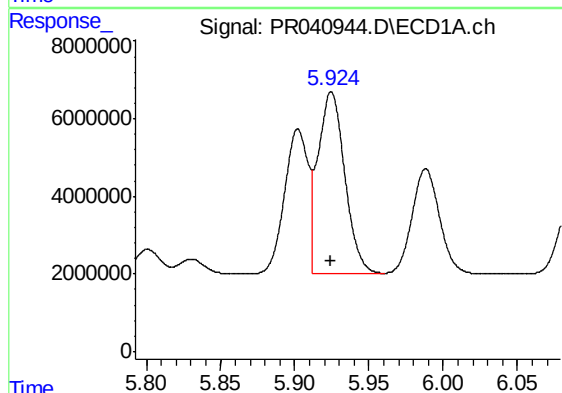
R.T.: 5.902 min
Delta R.T.: 0.002 min
Response: 41579655
Conc: 368.75 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



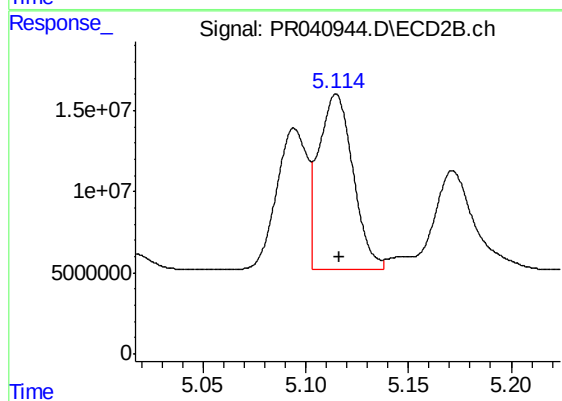
#3 AR-1016-1

R.T.: 5.094 min
Delta R.T.: -0.002 min
Response: 91575297
Conc: 345.98 ng/ml



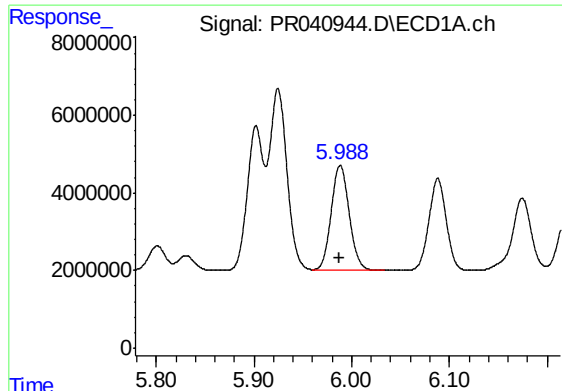
#4 AR-1016-2

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 58771574
Conc: 369.36 ng/ml



#4 AR-1016-2

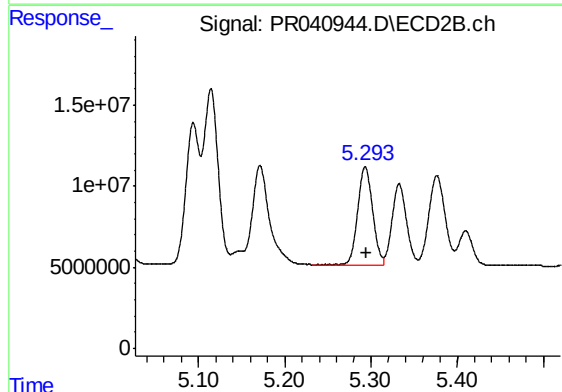
R.T.: 5.115 min
Delta R.T.: -0.001 min
Response: 126150922
Conc: 343.72 ng/ml



#5 AR-1016-3

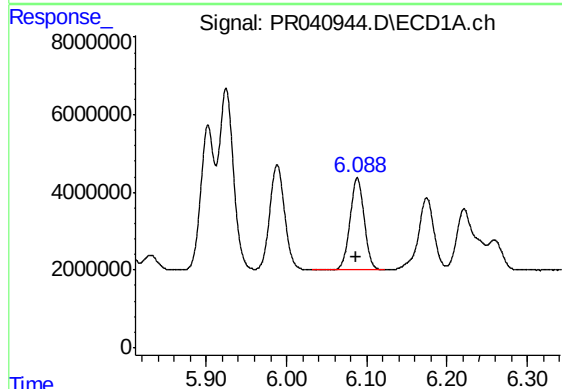
R.T.: 5.988 min
Delta R.T.: 0.001 min
Response: 34842689
Conc: 371.86 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



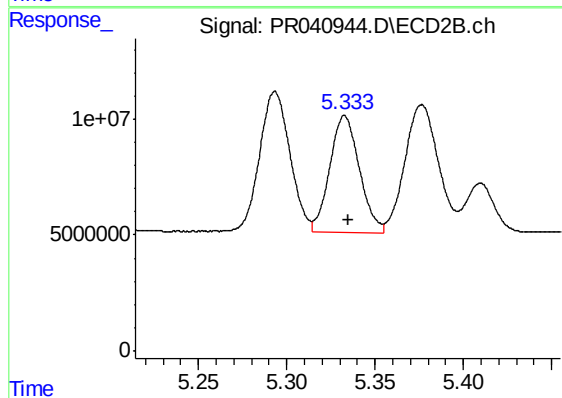
#5 AR-1016-3

R.T.: 5.293 min
Delta R.T.: -0.002 min
Response: 73815140
Conc: 363.32 ng/ml



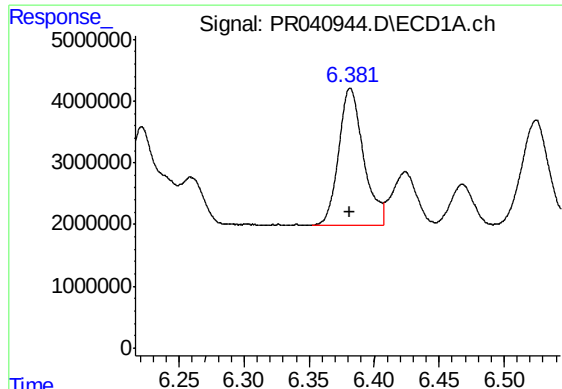
#6 AR-1016-4

R.T.: 6.088 min
Delta R.T.: 0.001 min
Response: 29259887
Conc: 374.95 ng/ml



#6 AR-1016-4

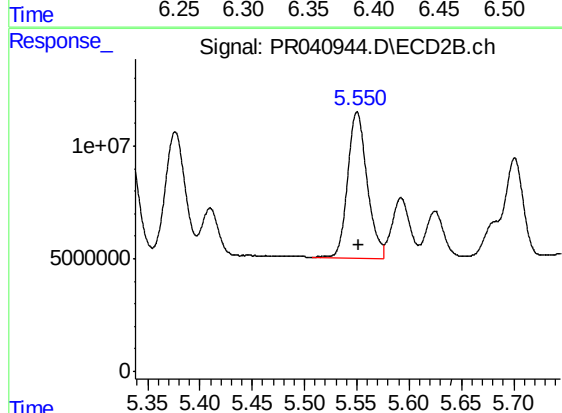
R.T.: 5.333 min
Delta R.T.: -0.002 min
Response: 59092038
Conc: 361.83 ng/ml



#7 AR-1016-5

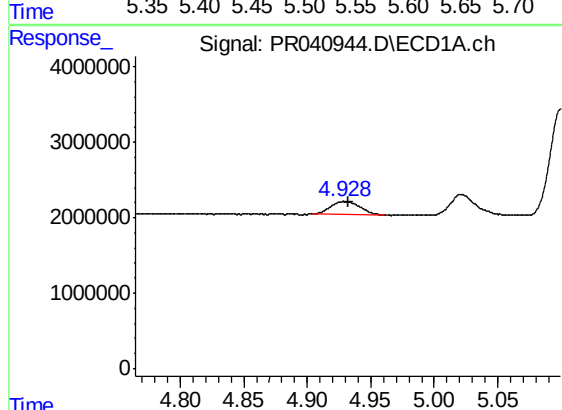
R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 29306078
Conc: 375.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



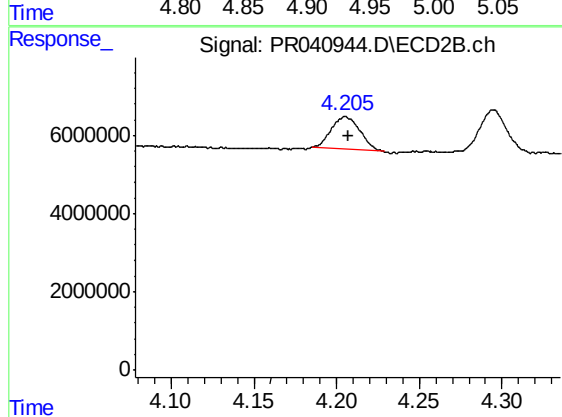
#7 AR-1016-5

R.T.: 5.550 min
Delta R.T.: -0.002 min
Response: 84248476
Conc: 362.51 ng/ml



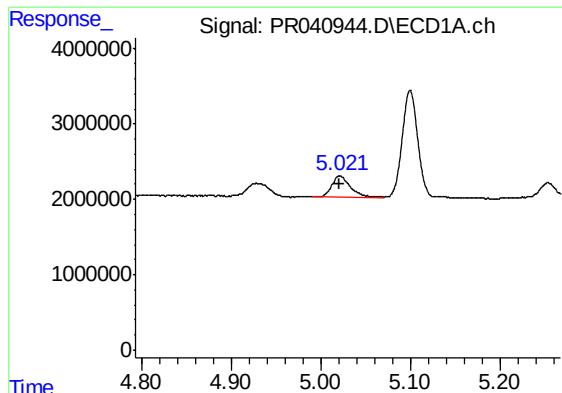
#8 AR-1221-1

R.T.: 4.929 min
Delta R.T.: -0.003 min
Response: 2810505
Conc: 91.25 ng/ml



#8 AR-1221-1

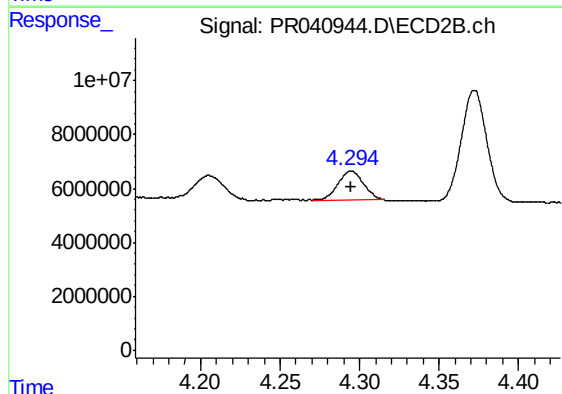
R.T.: 4.205 min
Delta R.T.: -0.002 min
Response: 10023980
Conc: 83.54 ng/ml



#9 AR-1221-2

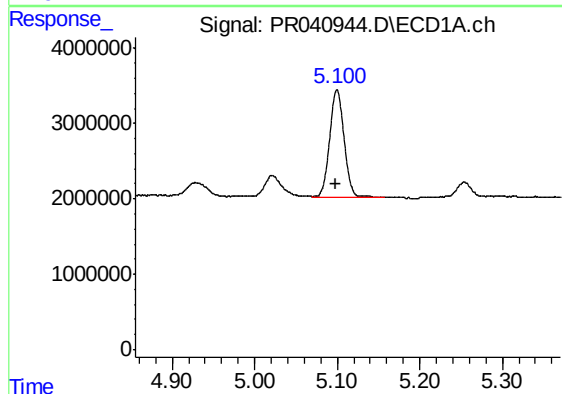
R.T.: 5.021 min
Delta R.T.: 0.000 min
Response: 3981306
Conc: 162.07 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



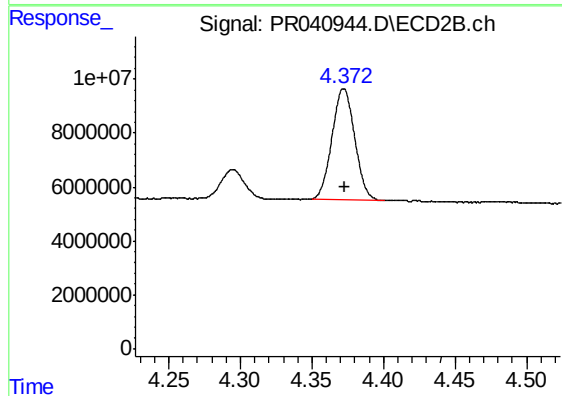
#9 AR-1221-2

R.T.: 4.295 min
Delta R.T.: 0.000 min
Response: 11942343
Conc: 155.52 ng/ml



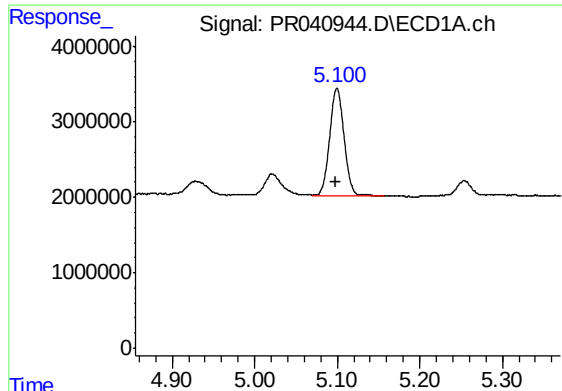
#10 AR-1221-3

R.T.: 5.100 min
Delta R.T.: 0.001 min
Response: 17277390
Conc: 218.44 ng/ml



#10 AR-1221-3

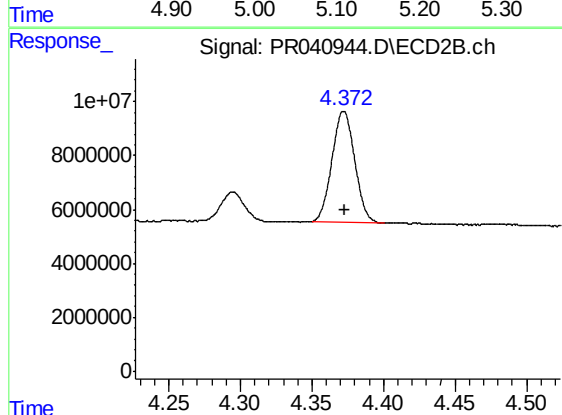
R.T.: 4.372 min
Delta R.T.: 0.000 min
Response: 45259645
Conc: 199.88 ng/ml



#11 AR-1232-1

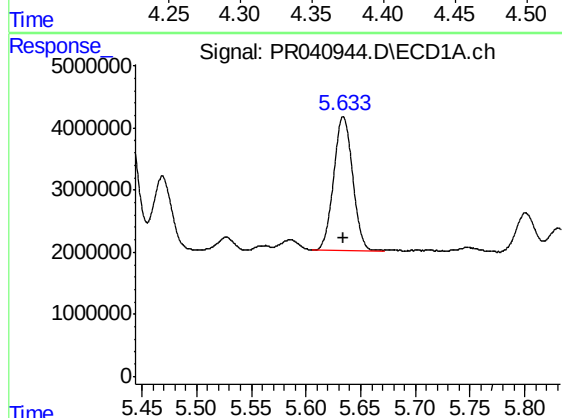
R.T.: 5.100 min
Delta R.T.: 0.002 min
Response: 17277390
Conc: 345.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



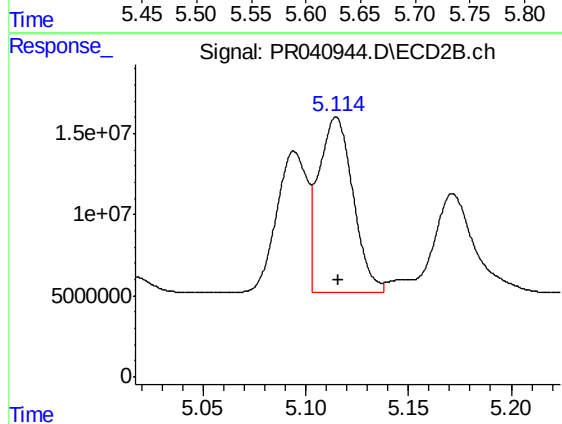
#11 AR-1232-1

R.T.: 4.372 min
Delta R.T.: 0.000 min
Response: 45259645
Conc: 334.36 ng/ml



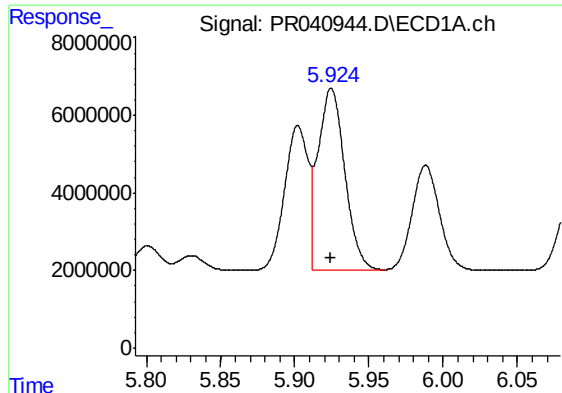
#12 AR-1232-2

R.T.: 5.634 min
Delta R.T.: 0.000 min
Response: 25999685
Conc: 988.40 ng/ml



#12 AR-1232-2

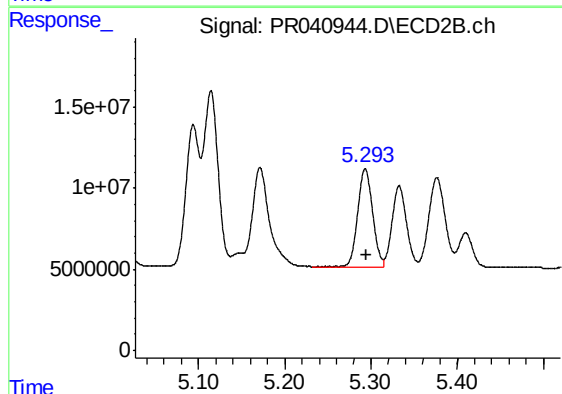
R.T.: 5.115 min
Delta R.T.: 0.000 min
Response: 126150922
Conc: 971.08 ng/ml



#13 AR-1232-3

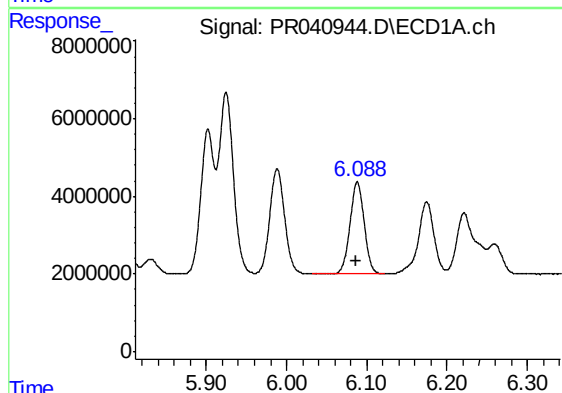
R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 58771574
Conc: 1064.52 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



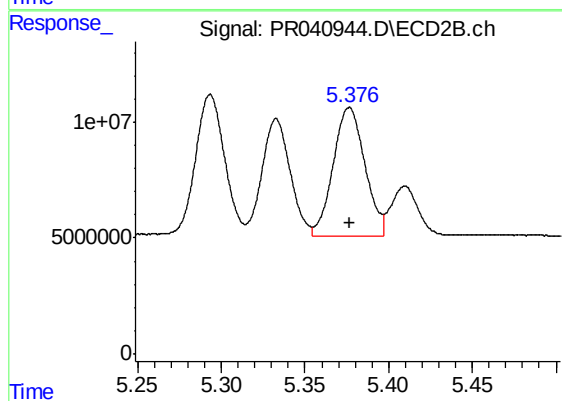
#13 AR-1232-3

R.T.: 5.293 min
Delta R.T.: -0.001 min
Response: 73815140
Conc: 1004.89 ng/ml



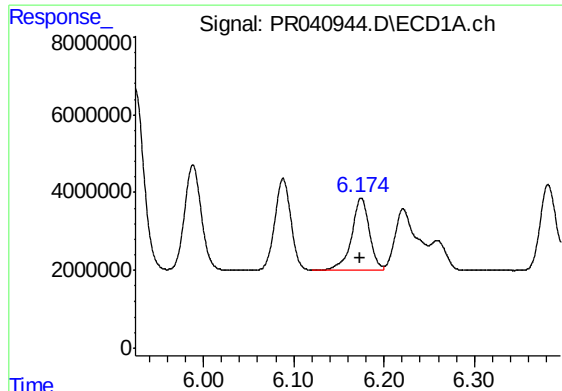
#14 AR-1232-4

R.T.: 6.088 min
Delta R.T.: 0.001 min
Response: 29259887
Conc: 1046.66 ng/ml



#14 AR-1232-4

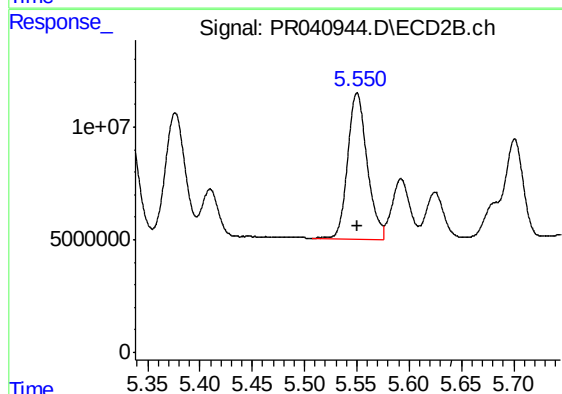
R.T.: 5.377 min
Delta R.T.: 0.000 min
Response: 73274146
Conc: 1103.15 ng/ml



#15 AR-1232-5

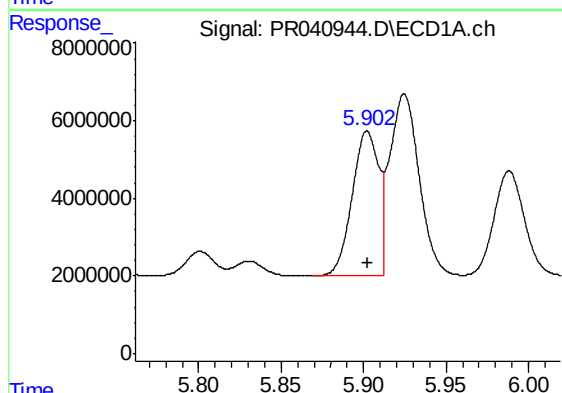
R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 25585400
Conc: 1225.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



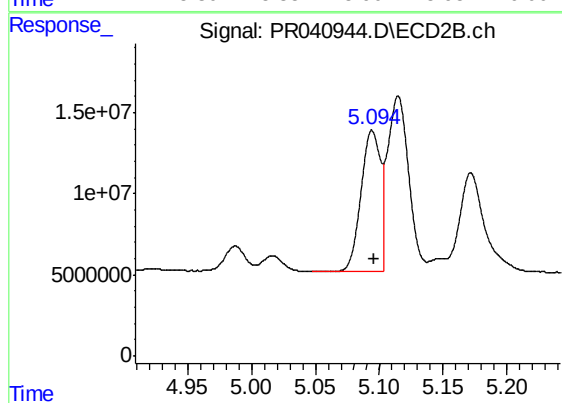
#15 AR-1232-5

R.T.: 5.550 min
Delta R.T.: 0.000 min
Response: 84248476
Conc: 1022.39 ng/ml



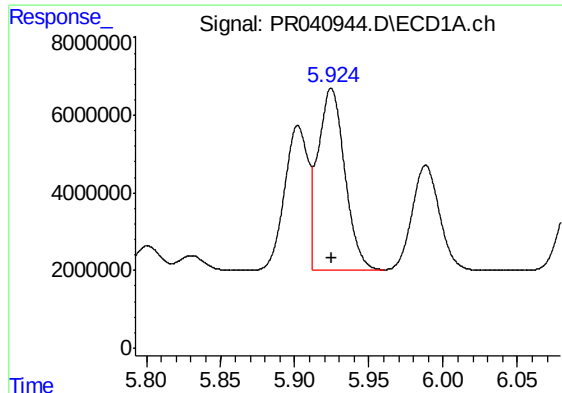
#16 AR-1242-1

R.T.: 5.902 min
Delta R.T.: 0.000 min
Response: 41579655
Conc: 559.59 ng/ml



#16 AR-1242-1

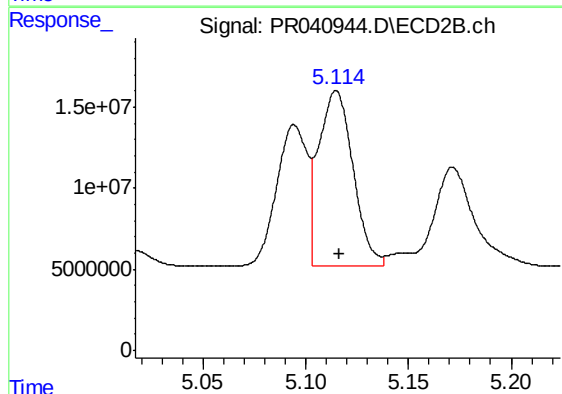
R.T.: 5.094 min
Delta R.T.: -0.001 min
Response: 91575297
Conc: 527.10 ng/ml



#17 AR-1242-2

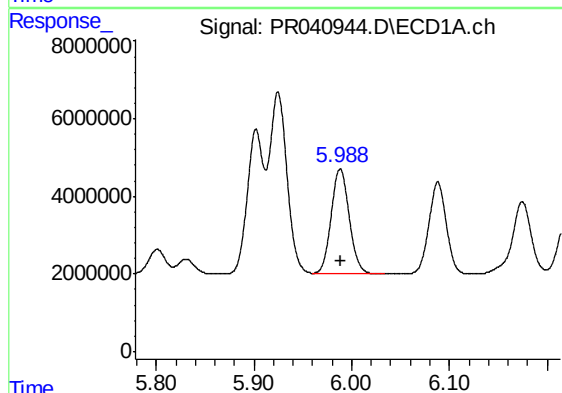
R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 58771574
Conc: 560.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



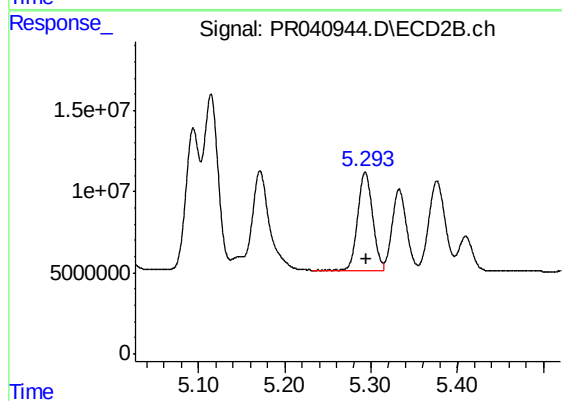
#17 AR-1242-2

R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 126150922
Conc: 527.10 ng/ml



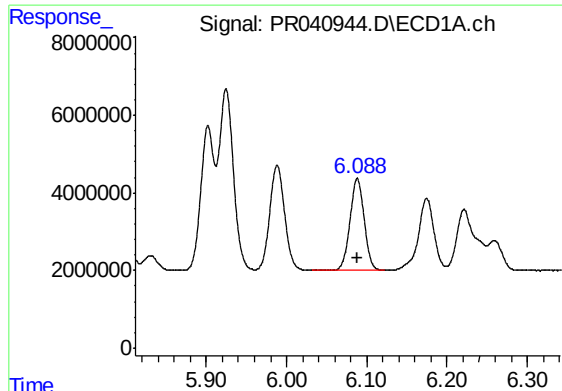
#18 AR-1242-3

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 34842689
Conc: 550.49 ng/ml



#18 AR-1242-3

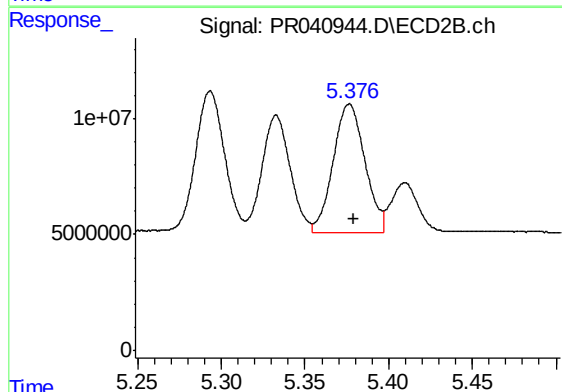
R.T.: 5.293 min
Delta R.T.: -0.002 min
Response: 73815140
Conc: 543.69 ng/ml



#19 AR-1242-4

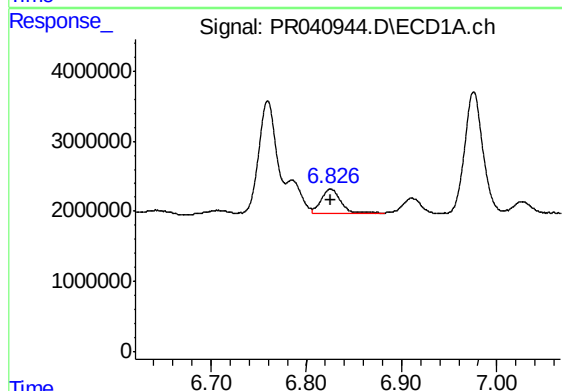
R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 29259887
Conc: 553.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



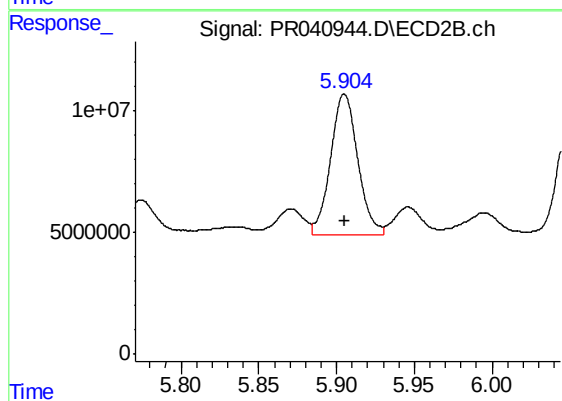
#19 AR-1242-4

R.T.: 5.377 min
Delta R.T.: -0.003 min
Response: 73274146
Conc: 532.87 ng/ml



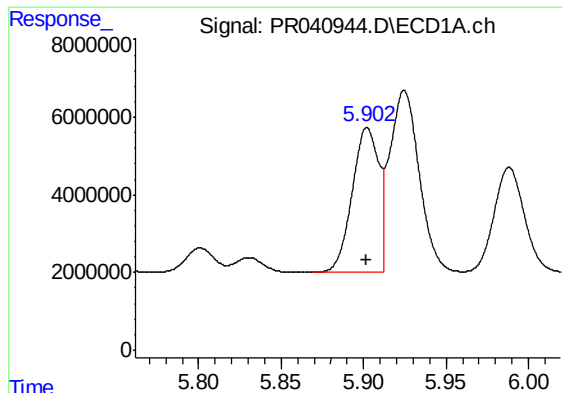
#20 AR-1242-5

R.T.: 6.826 min
Delta R.T.: 0.000 min
Response: 4718763
Conc: 74.89 ng/ml



#20 AR-1242-5

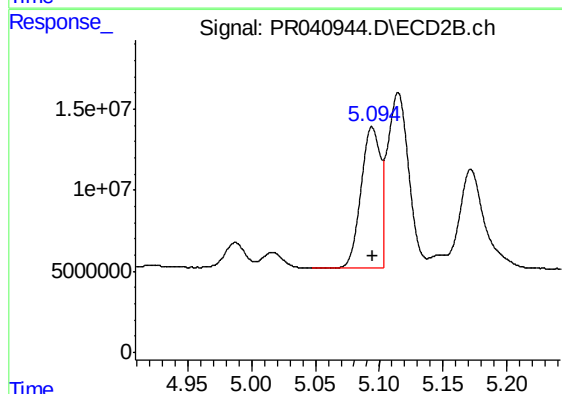
R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 70534487
Conc: 307.55 ng/ml



#21 AR-1248-1

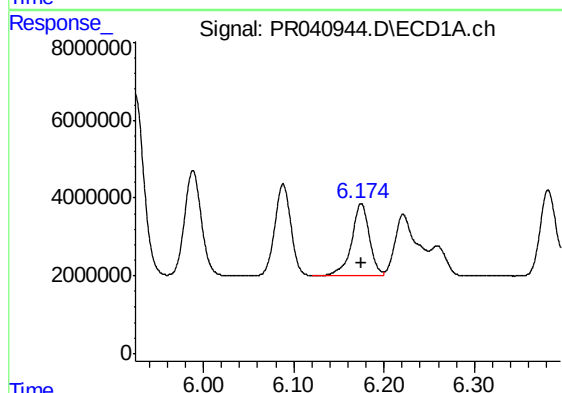
R.T.: 5.902 min
Delta R.T.: 0.000 min
Response: 41579655
Conc: 710.10 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



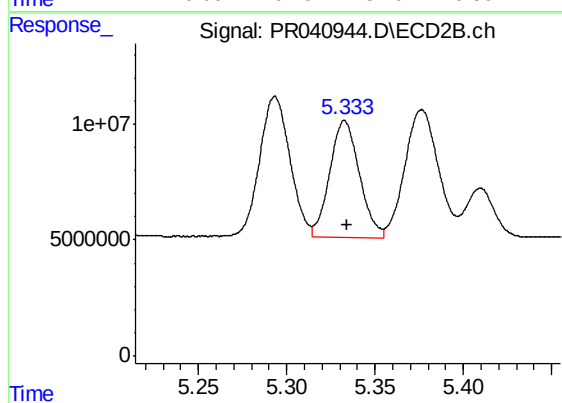
#21 AR-1248-1

R.T.: 5.094 min
Delta R.T.: -0.001 min
Response: 91575297
Conc: 660.98 ng/ml



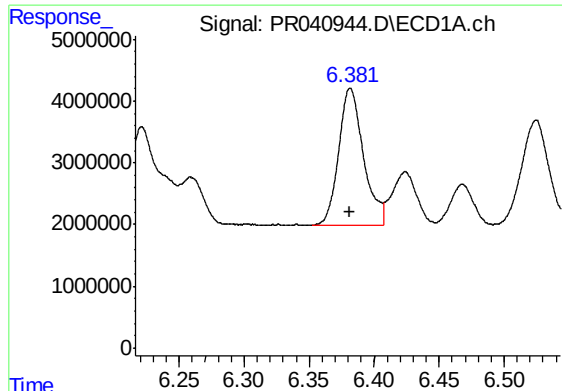
#22 AR-1248-2

R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 25585400
Conc: 306.81 ng/ml



#22 AR-1248-2

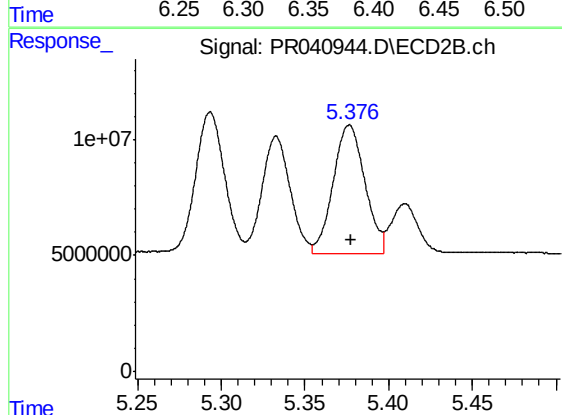
R.T.: 5.333 min
Delta R.T.: -0.001 min
Response: 59092038
Conc: 300.42 ng/ml



#23 AR-1248-3

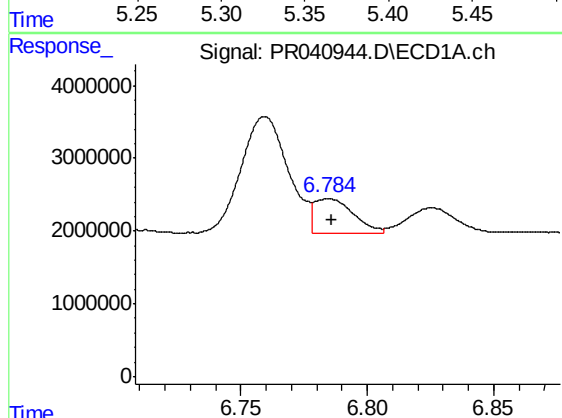
R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 29306078
Conc: 310.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



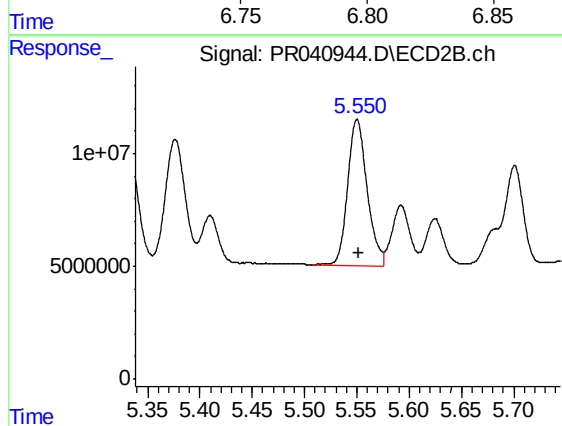
#23 AR-1248-3

R.T.: 5.377 min
Delta R.T.: -0.001 min
Response: 73274146
Conc: 360.65 ng/ml



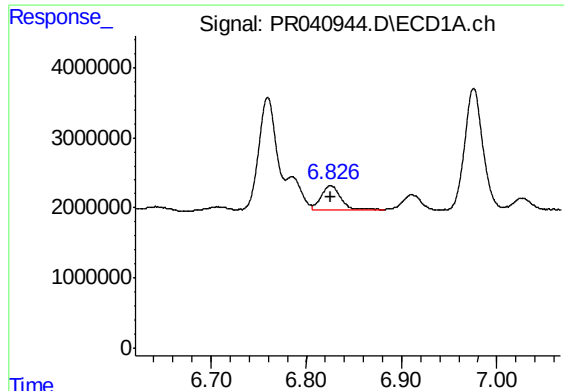
#24 AR-1248-4

R.T.: 6.785 min
Delta R.T.: -0.001 min
Response: 5039784
Conc: 43.12 ng/ml



#24 AR-1248-4

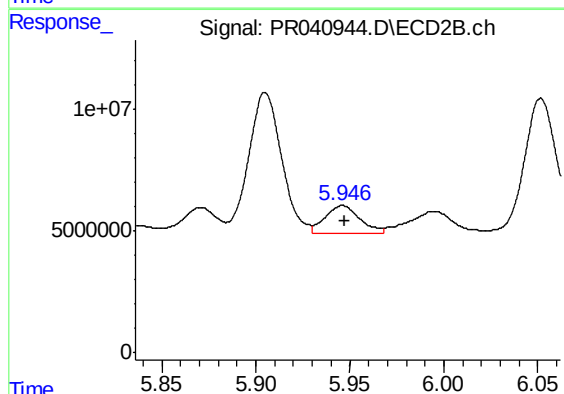
R.T.: 5.550 min
Delta R.T.: -0.002 min
Response: 84248476
Conc: 319.57 ng/ml



#25 AR-1248-5

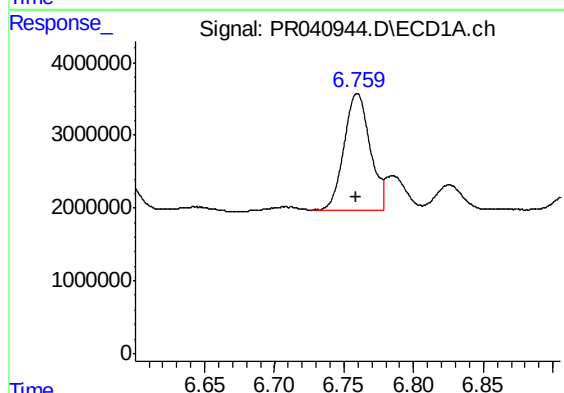
R.T.: 6.826 min
Delta R.T.: 0.000 min
Response: 4718763
Conc: 43.03 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



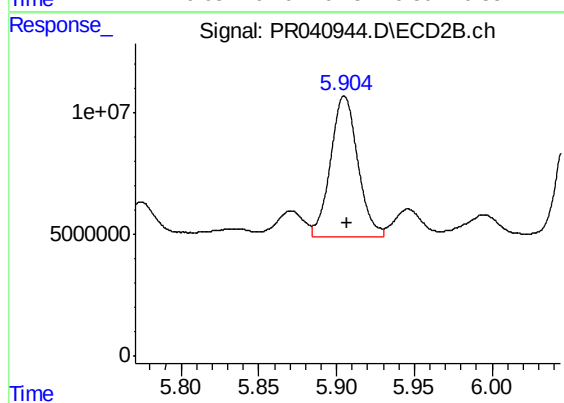
#25 AR-1248-5

R.T.: 5.946 min
Delta R.T.: -0.001 min
Response: 14880269
Conc: 47.09 ng/ml



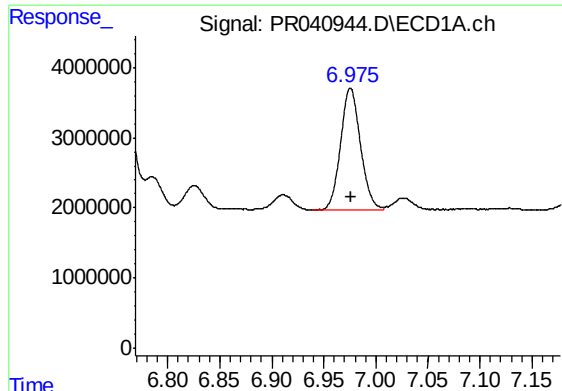
#26 AR-1254-1

R.T.: 6.760 min
Delta R.T.: 0.000 min
Response: 20801401
Conc: 169.70 ng/ml



#26 AR-1254-1

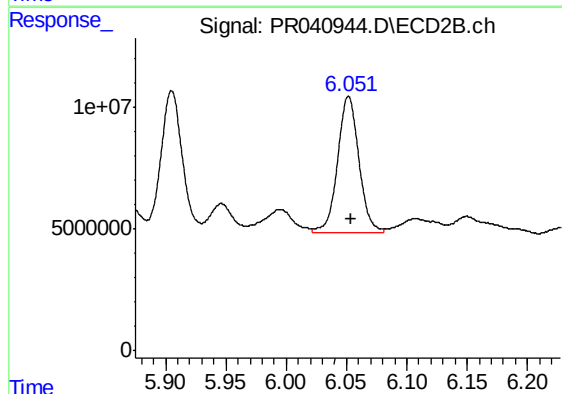
R.T.: 5.905 min
Delta R.T.: -0.002 min
Response: 70534487
Conc: 147.33 ng/ml



#27 AR-1254-2

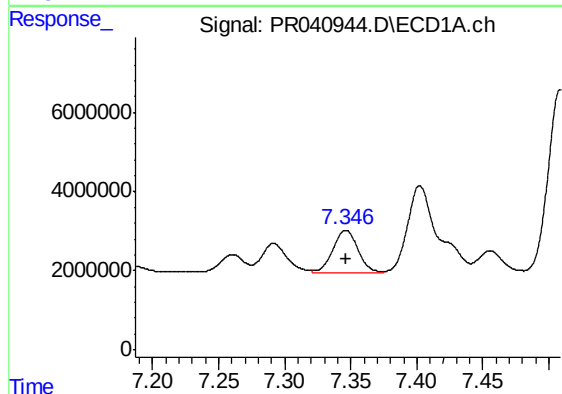
R.T.: 6.976 min
Delta R.T.: 0.000 min
Response: 23036373
Conc: 120.32 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



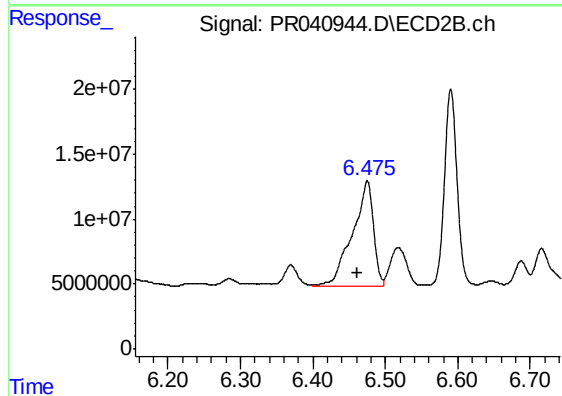
#27 AR-1254-2

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 68858405
Conc: 155.94 ng/ml



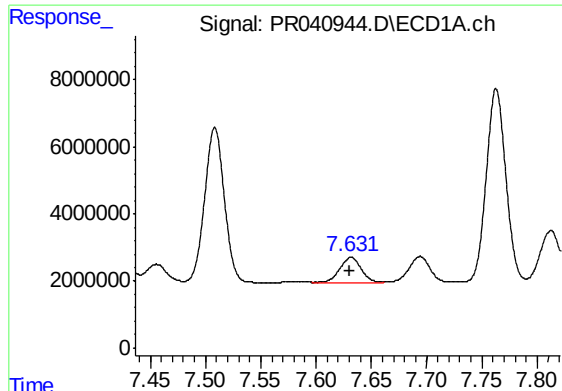
#28 AR-1254-3

R.T.: 7.346 min
Delta R.T.: 0.000 min
Response: 13898027
Conc: 64.22 ng/ml



#28 AR-1254-3

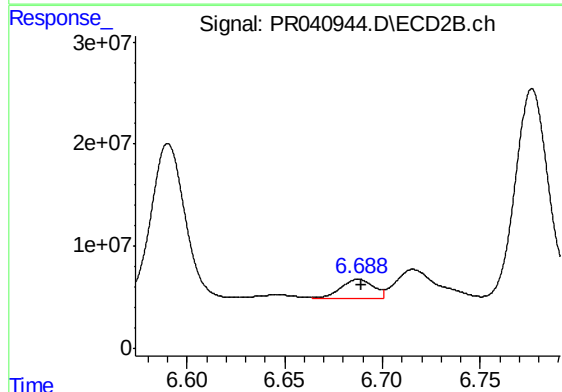
R.T.: 6.475 min
Delta R.T.: 0.014 min
Response: 163279169
Conc: 217.05 ng/ml



#29 AR-1254-4

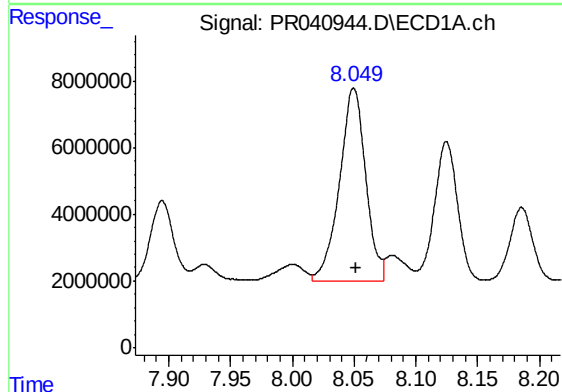
R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 10523741
Conc: 64.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



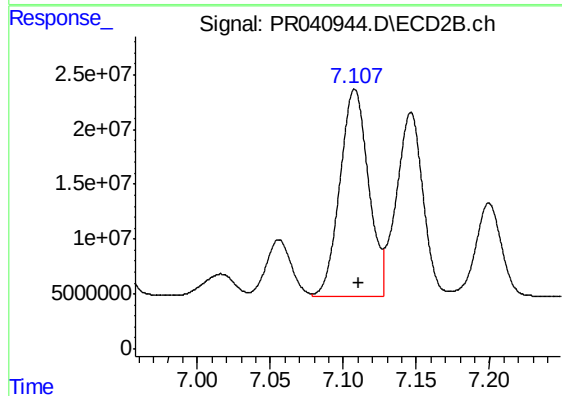
#29 AR-1254-4

R.T.: 6.688 min
Delta R.T.: -0.001 min
Response: 21511250
Conc: 41.14 ng/ml



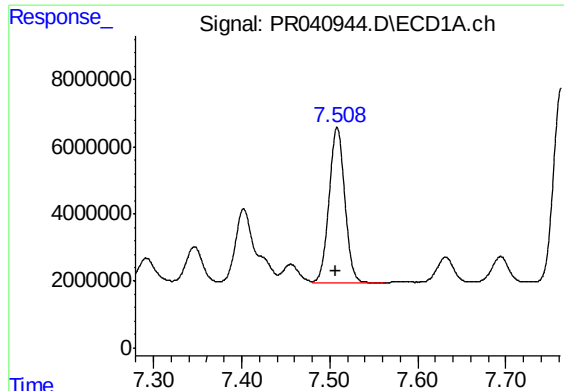
#30 AR-1254-5

R.T.: 8.050 min
Delta R.T.: -0.002 min
Response: 85661601
Conc: 468.97 ng/ml



#30 AR-1254-5

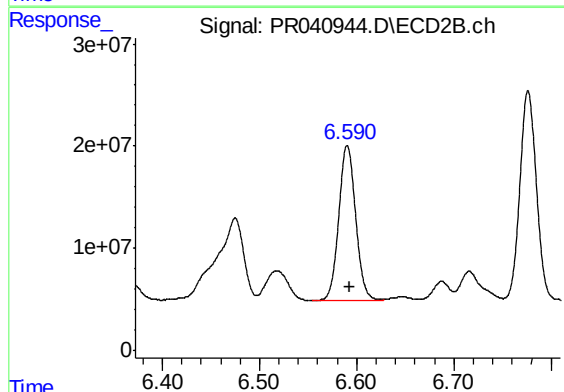
R.T.: 7.108 min
Delta R.T.: -0.003 min
Response: 256049507
Conc: 400.77 ng/ml



#31 AR-1260-1

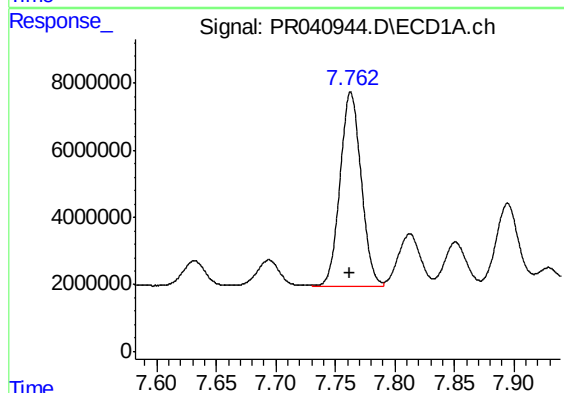
R.T.: 7.509 min
Delta R.T.: 0.001 min
Response: 57818489
Conc: 374.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



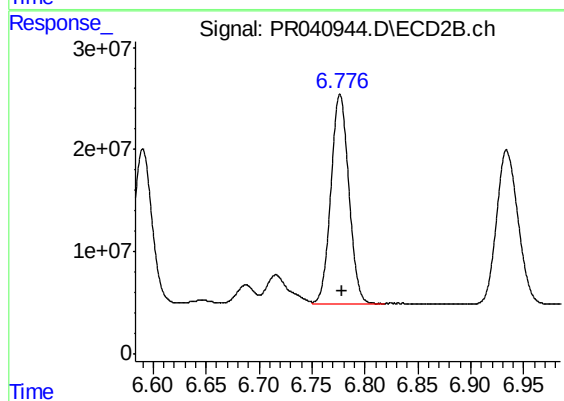
#31 AR-1260-1

R.T.: 6.590 min
Delta R.T.: -0.002 min
Response: 182709710
Conc: 358.64 ng/ml



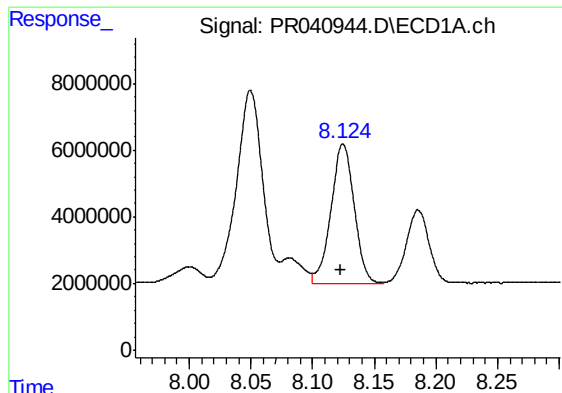
#32 AR-1260-2

R.T.: 7.763 min
Delta R.T.: 0.000 min
Response: 71188431
Conc: 386.96 ng/ml



#32 AR-1260-2

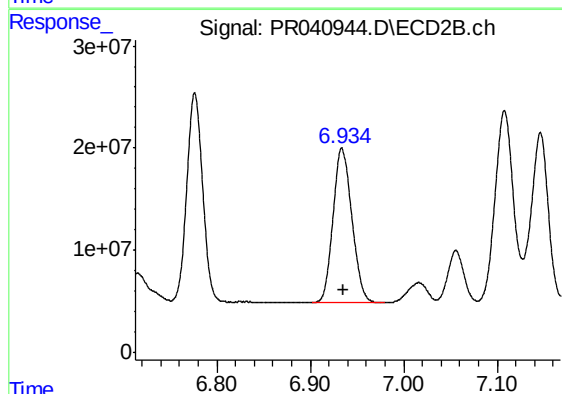
R.T.: 6.777 min
Delta R.T.: -0.002 min
Response: 240540787
Conc: 378.38 ng/ml



#33 AR-1260-3

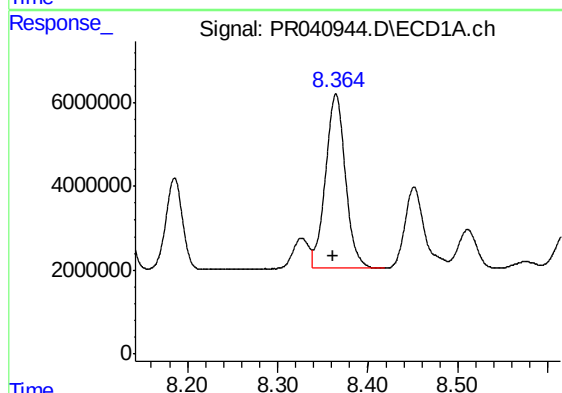
R.T.: 8.125 min
Delta R.T.: 0.002 min
Response: 54649789
Conc: 393.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



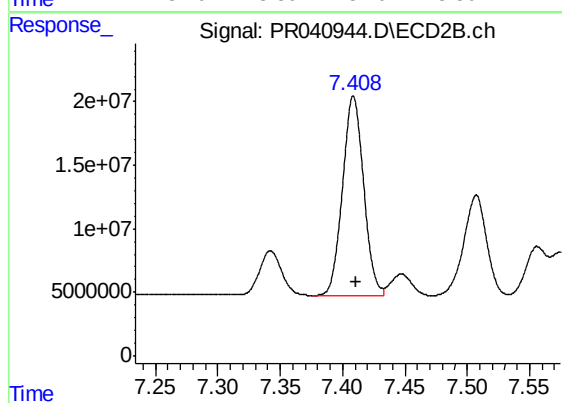
#33 AR-1260-3

R.T.: 6.934 min
Delta R.T.: -0.002 min
Response: 211954012
Conc: 367.49 ng/ml



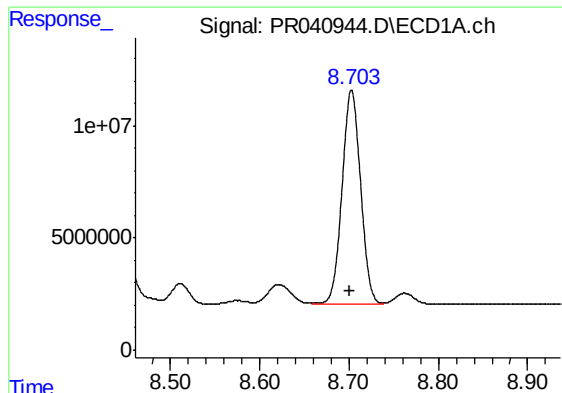
#34 AR-1260-4

R.T.: 8.365 min
Delta R.T.: 0.003 min
Response: 63951501
Conc: 393.31 ng/ml



#34 AR-1260-4

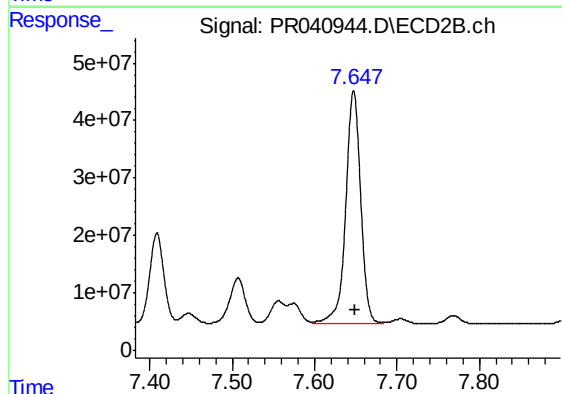
R.T.: 7.409 min
Delta R.T.: -0.002 min
Response: 184828203
Conc: 374.36 ng/ml



#35 AR-1260-5

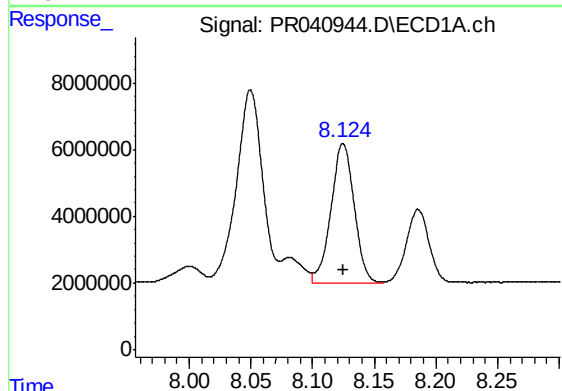
R.T.: 8.703 min
Delta R.T.: 0.002 min
Response: 137571072
Conc: 402.46 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



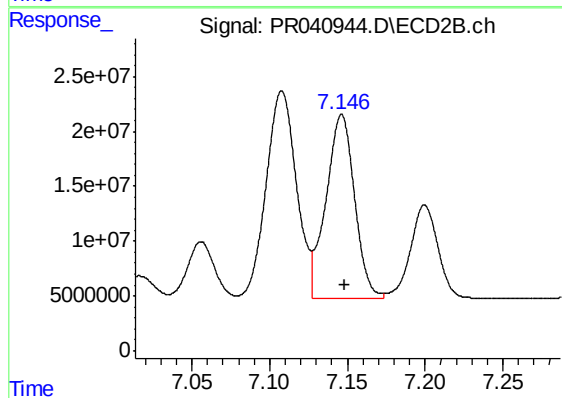
#35 AR-1260-5

R.T.: 7.648 min
Delta R.T.: -0.001 min
Response: 511127979
Conc: 392.85 ng/ml



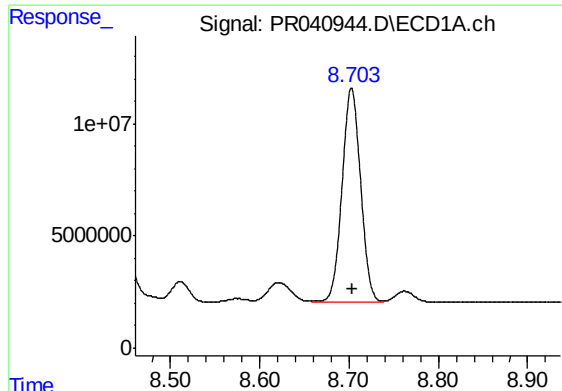
#36 AR-1262-1

R.T.: 8.125 min
Delta R.T.: 0.000 min
Response: 54649789
Conc: 241.10 ng/ml



#36 AR-1262-1

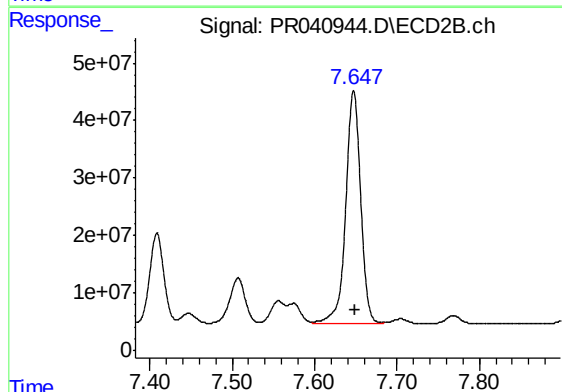
R.T.: 7.146 min
Delta R.T.: -0.002 min
Response: 213736350
Conc: 260.79 ng/ml



#37 AR-1262-2

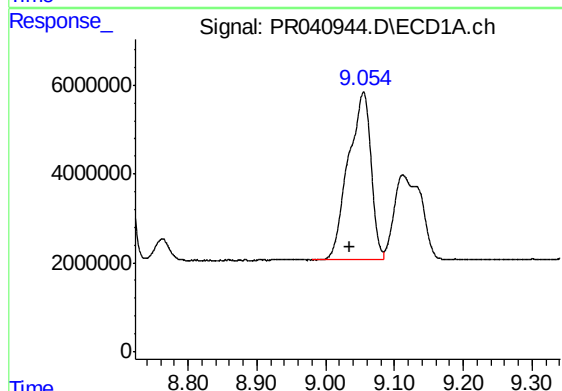
R.T.: 8.703 min
Delta R.T.: 0.000 min
Response: 137571072
Conc: 313.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



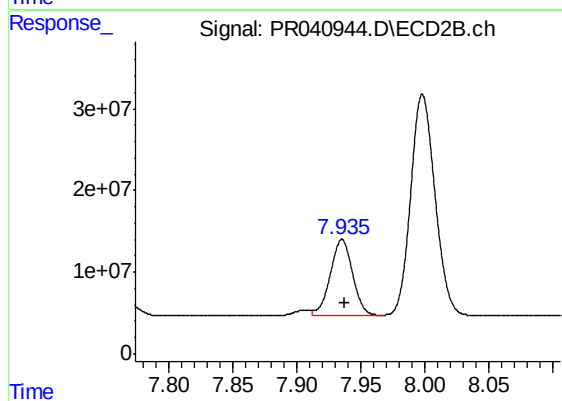
#37 AR-1262-2

R.T.: 7.648 min
Delta R.T.: -0.002 min
Response: 511127979
Conc: 327.57 ng/ml



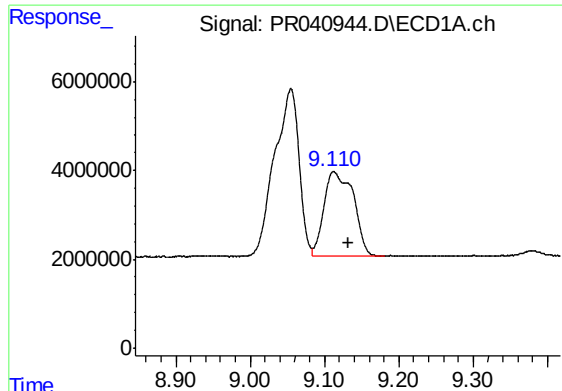
#38 AR-1262-3

R.T.: 9.055 min
Delta R.T.: 0.020 min
Response: 86664189
Conc: 308.70 ng/ml



#38 AR-1262-3

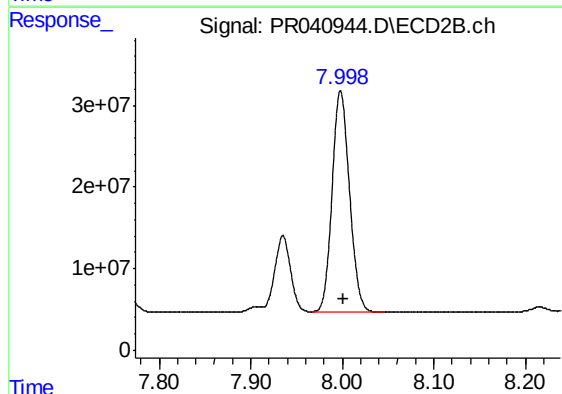
R.T.: 7.935 min
Delta R.T.: -0.002 min
Response: 113265721
Conc: 187.56 ng/ml



#39 AR-1262-4

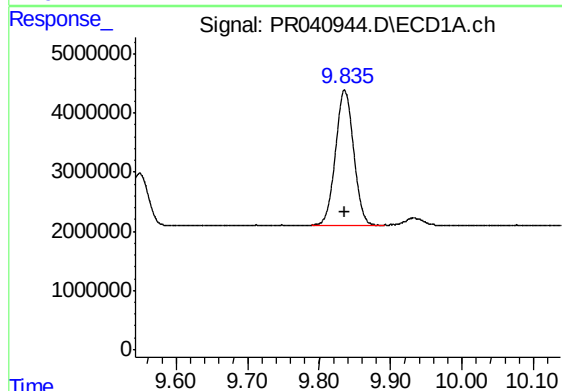
R.T.: 9.112 min
Delta R.T.: -0.020 min
Response: 52405960
Conc: 257.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



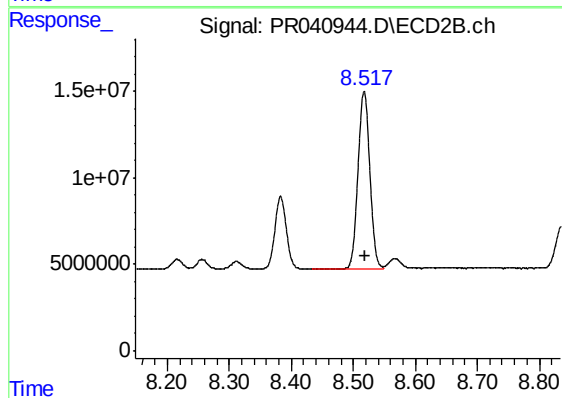
#39 AR-1262-4

R.T.: 7.998 min
Delta R.T.: -0.004 min
Response: 357115073
Conc: 320.25 ng/ml



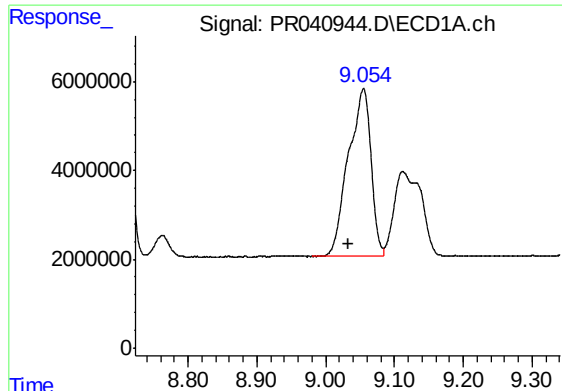
#40 AR-1262-5

R.T.: 9.836 min
Delta R.T.: 0.000 min
Response: 40117973
Conc: 276.41 ng/ml



#40 AR-1262-5

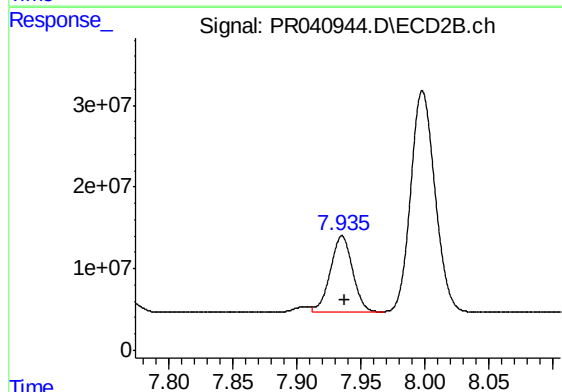
R.T.: 8.517 min
Delta R.T.: -0.002 min
Response: 135969356
Conc: 260.20 ng/ml



#41 AR-1268-1

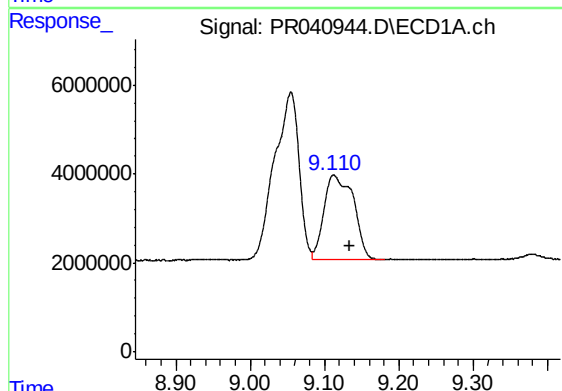
R.T.: 9.055 min
Delta R.T.: 0.022 min
Response: 86664189
Conc: 194.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



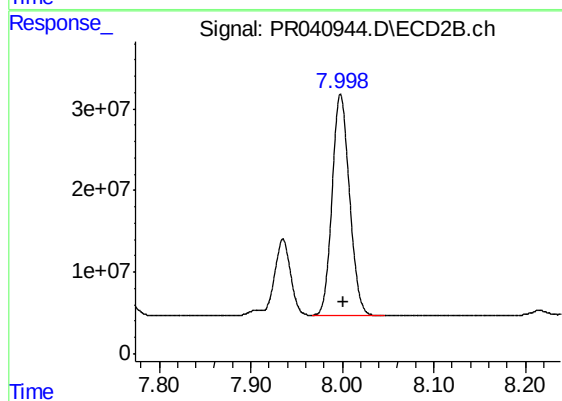
#41 AR-1268-1

R.T.: 7.935 min
Delta R.T.: -0.002 min
Response: 113265721
Conc: 70.64 ng/ml



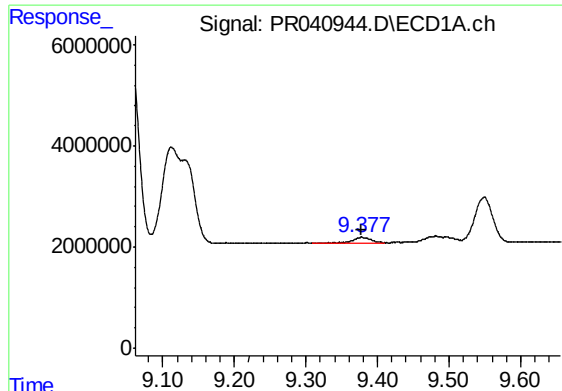
#42 AR-1268-2

R.T.: 9.112 min
Delta R.T.: -0.022 min
Response: 52405960
Conc: 128.36 ng/ml



#42 AR-1268-2

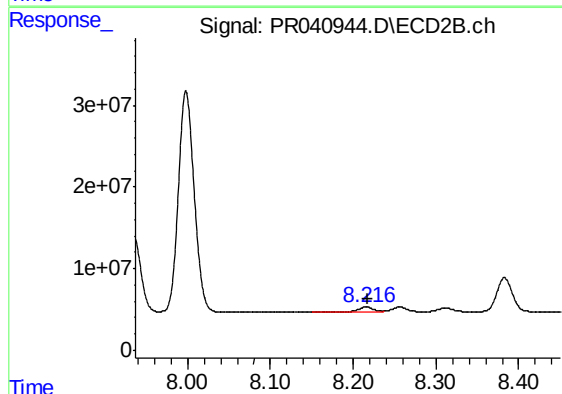
R.T.: 7.998 min
Delta R.T.: -0.003 min
Response: 357115073
Conc: 238.96 ng/ml



#43 AR-1268-3

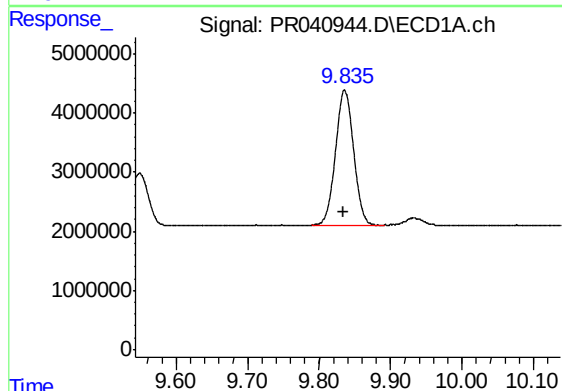
R.T.: 9.379 min
Delta R.T.: 0.001 min
Response: 1753938
Conc: 5.19 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



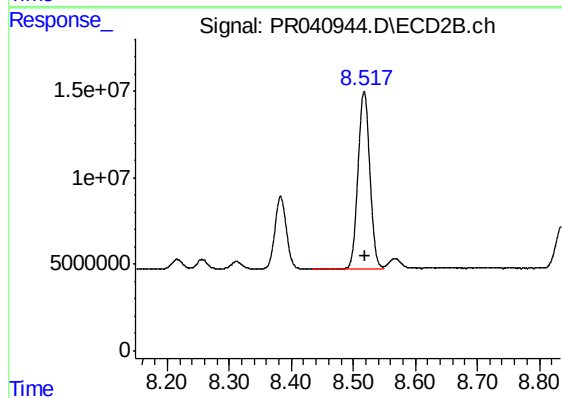
#43 AR-1268-3

R.T.: 8.216 min
Delta R.T.: -0.002 min
Response: 6124050
Conc: 4.90 ng/ml



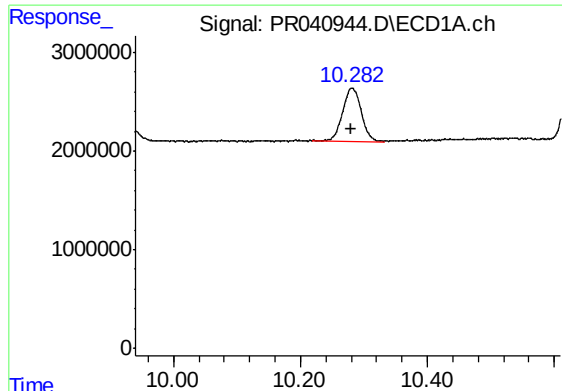
#44 AR-1268-4

R.T.: 9.836 min
Delta R.T.: 0.000 min
Response: 40117973
Conc: 279.73 ng/ml



#44 AR-1268-4

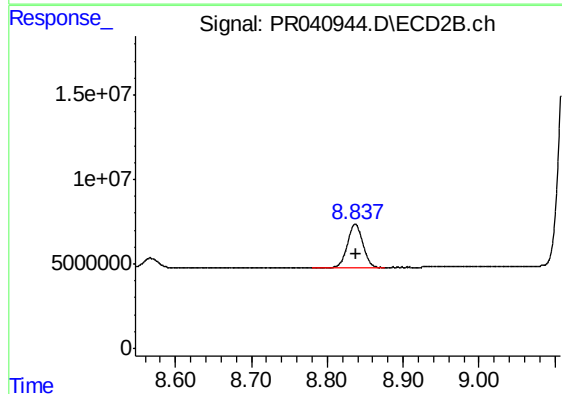
R.T.: 8.517 min
Delta R.T.: -0.001 min
Response: 135969356
Conc: 261.09 ng/ml



#45 AR-1268-5

R.T.: 10.281 min
Delta R.T.: 0.002 min
Response: 10886167
Conc: 9.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



#45 AR-1268-5

R.T.: 8.837 min
Delta R.T.: -0.002 min
Response: 36388254
Conc: 9.86 ng/ml