

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR061019\
 Data File : PR038633.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jun 2019 17:46
 Operator : SM\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 04:18:44 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR061019.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 11 04:05:19 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.774	4.620	114.7E6	318.5E6	68.893	55.800
2)	SA Decachlor...	8.731	10.372	72679280	200.8E6	40.865	39.230
Target Compounds							
3)	L1 AR-1016-1	4.845	5.776	34132868	90198447	542.978	442.517
4)	L1 AR-1016-2	4.863	5.799	55233231	125.3E6	557.332	436.035
5)	L1 AR-1016-3	5.037	5.860	26008567	72474932	546.132	424.066
6)	L1 AR-1016-4	5.077	5.959	20393059	60340209	528.744	444.143
7)	L1 AR-1016-5	5.287	6.248	25517374	57833990	511.323	420.534
8)	L2 AR-1221-1	3.984	4.820	3145413	8100871	146.833	122.354
9)	L2 AR-1221-2	4.070	4.912	4717432	12379987	298.265	252.294
10)	L2 AR-1221-3	4.145	4.988	18615498	47352207	357.783	296.405
11)	L3 AR-1232-1	4.145	4.988	18615498	47352207	514.442	428.105
12)	L3 AR-1232-2	4.863	5.512	55233231	61130359	1343.045	1094.089
13)	L3 AR-1232-3	5.037	5.799	26008567	125.3E6	1328.400	1080.209
14)	L3 AR-1232-4	5.118	5.959	24523420	60340209	1424.764	1086.642
15)	L3 AR-1232-5	5.287	6.045	25517374	49806341	1336.043	1208.669
16)	L4 AR-1242-1	4.845	5.776	34132868	90198447	674.909	552.612
17)	L4 AR-1242-2	4.863	5.799	55233231	125.3E6	666.199	537.172
18)	L4 AR-1242-3	5.037	5.860	26008567	72474932	645.261	518.543
19)	L4 AR-1242-4	5.118	5.959	24523420	60340209	626.323	530.763
20)	L4 AR-1242-5	5.633	6.686	17970530	8266538	330.097	64.012 #
21)	L5 AR-1248-1	4.845	5.776	34132868	90198447	787.411	668.885
22)	L5 AR-1248-2	5.077	6.045	20393059	49806341	349.408	282.769
23)	L5 AR-1248-3	5.118	6.248	24523420	57833990	411.180	288.044 #
24)	L5 AR-1248-4	5.287	6.647	25517374	9408889	349.113	40.152 #
25)	L5 AR-1248-5	5.673	6.686	2867319	8266538	37.532	37.322
26)	L6 AR-1254-1	5.633	6.621	17970530	38510435	166.306	179.980
27)	L6 AR-1254-2	5.778	6.835	15720540	41079847	167.331	124.537 #
28)	L6 AR-1254-3	6.190	7.200	35983914	21989994	229.511	61.089 #
29)	L6 AR-1254-4	6.401	7.482	4223508	19135969	40.241	71.413 #
30)	L6 AR-1254-5	6.813	7.896	52308656	137.3E6	377.163	488.577 #
31)	L7 AR-1260-1	6.305	7.360	40099304	94228817	416.763	390.910
32)	L7 AR-1260-2	6.489	7.613	50135564	115.8E6	407.872	397.813
33)	L7 AR-1260-3	6.642	7.968	44480476	86978796	409.099	395.266
34)	L7 AR-1260-4	7.108	8.198	35387606	104.2E6	390.643	413.380
35)	L7 AR-1260-5	7.346	8.525	88880720	215.5E6	376.181	407.443
36)	L8 AR-1262-1	6.904	7.968	19850207	86978796	296.714	229.347
37)	L8 AR-1262-2	7.346	8.525	88880720	215.5E6	275.634	301.583
38)	L8 AR-1262-3	7.626	8.862	20226360	134.4E6	161.731	289.803 #
39)	L8 AR-1262-4	7.690	8.918	63381202	81964057	272.887	233.719
40)	L8 AR-1262-5	8.183	9.607	24447669	63642410	224.860	248.007
41)	L9 AR-1268-1	7.626	8.862	20226360	134.4E6	55.196	170.964 #
42)	L9 AR-1268-2	7.690	8.918	63381202	81964057	188.935	111.575 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR061019\
 Data File : PR038633.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jun 2019 17:46
 Operator : SM\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

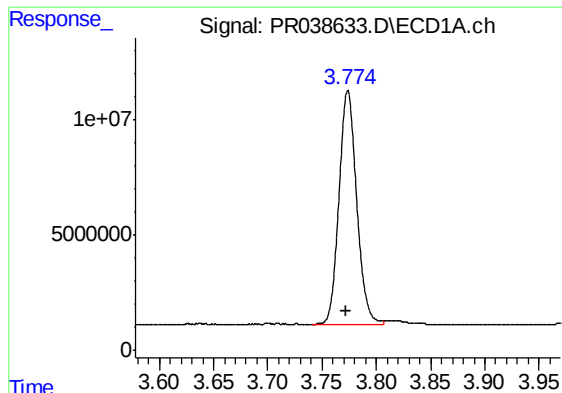
Instrument :
 ECD_R
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 04:18:44 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR061019.M
 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	8.183	9.607	24447669	63642410	206.733	234.136
45) L9	AR-1268-5	8.476	10.028	6350150	18040372	7.157	8.308

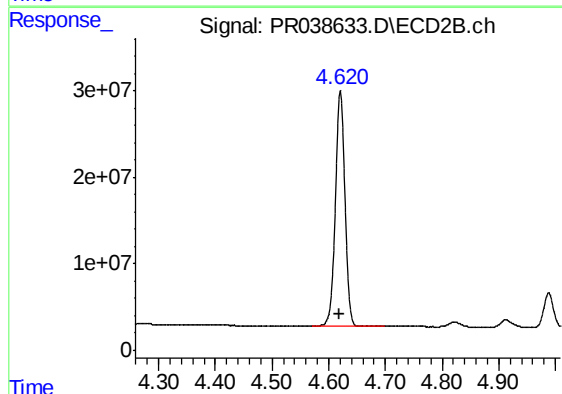
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

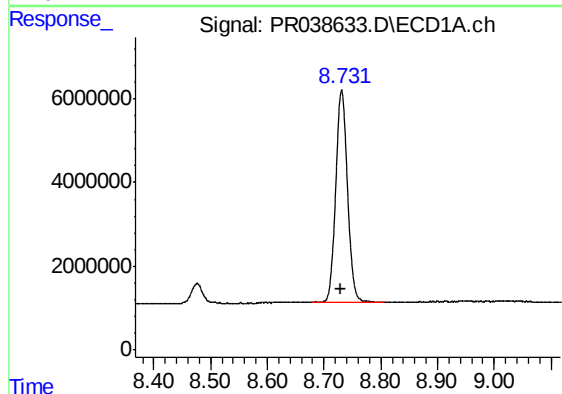
R.T.: 3.774 min
Delta R.T.: 0.002 min
Response: 114653028
Conc: 68.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



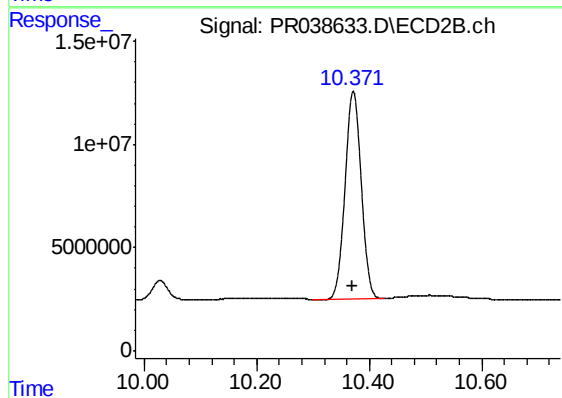
#1 Tetrachloro-m-xylene

R.T.: 4.620 min
Delta R.T.: 0.001 min
Response: 318530048
Conc: 55.80 ng/ml



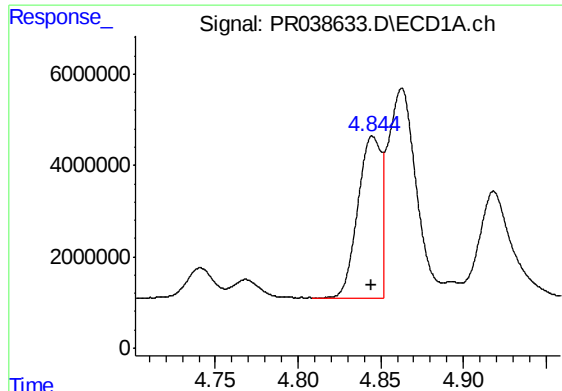
#2 Decachlorobiphenyl

R.T.: 8.731 min
Delta R.T.: 0.002 min
Response: 72679280
Conc: 40.87 ng/ml



#2 Decachlorobiphenyl

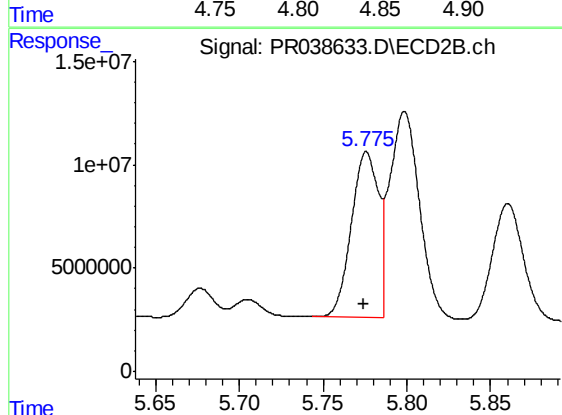
R.T.: 10.372 min
Delta R.T.: 0.002 min
Response: 200768714
Conc: 39.23 ng/ml



#3 AR-1016-1

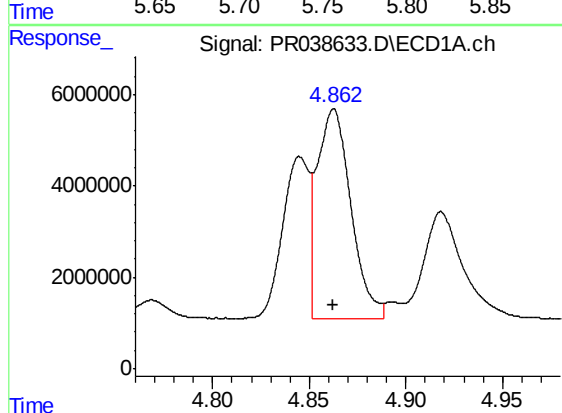
R.T.: 4.845 min
Delta R.T.: 0.000 min
Response: 34132868
Conc: 542.98 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



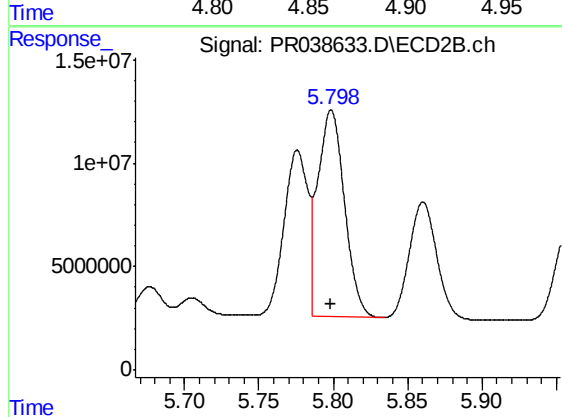
#3 AR-1016-1

R.T.: 5.776 min
Delta R.T.: 0.002 min
Response: 90198447
Conc: 442.52 ng/ml



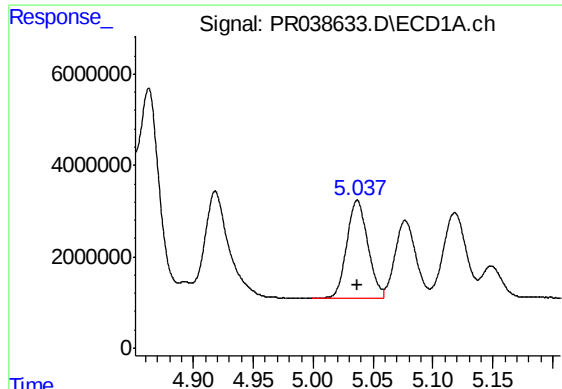
#4 AR-1016-2

R.T.: 4.863 min
Delta R.T.: 0.000 min
Response: 55233231
Conc: 557.33 ng/ml



#4 AR-1016-2

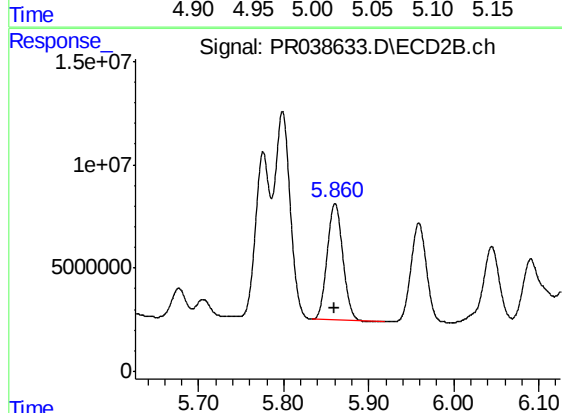
R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 125280723
Conc: 436.03 ng/ml



#5 AR-1016-3

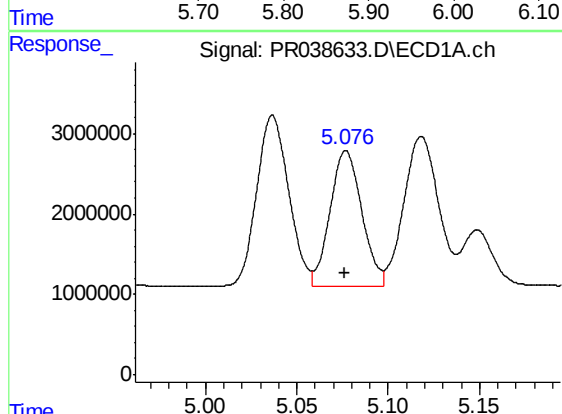
R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 26008567
Conc: 546.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



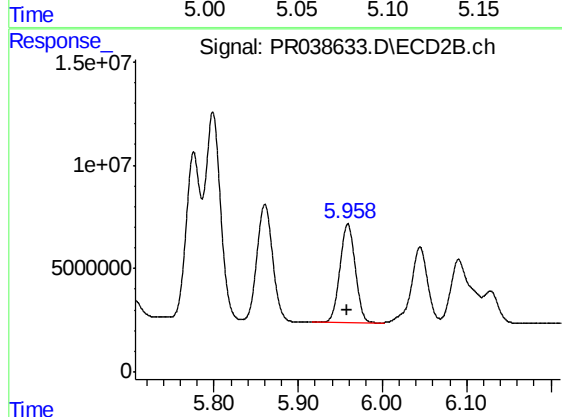
#5 AR-1016-3

R.T.: 5.860 min
Delta R.T.: 0.000 min
Response: 72474932
Conc: 424.07 ng/ml



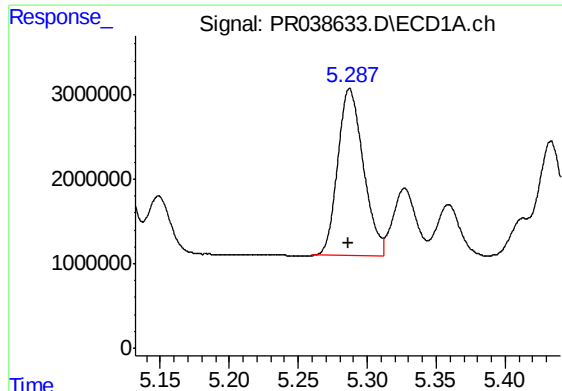
#6 AR-1016-4

R.T.: 5.077 min
Delta R.T.: 0.000 min
Response: 20393059
Conc: 528.74 ng/ml



#6 AR-1016-4

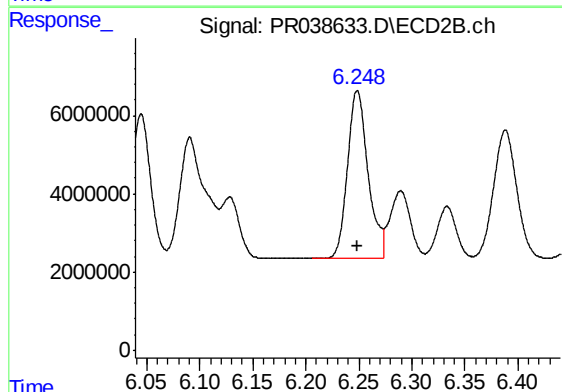
R.T.: 5.959 min
Delta R.T.: 0.000 min
Response: 60340209
Conc: 444.14 ng/ml



#7 AR-1016-5

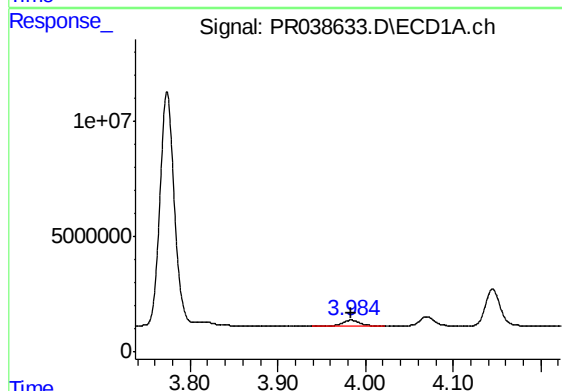
R.T.: 5.287 min
Delta R.T.: 0.000 min
Response: 25517374
Conc: 511.32 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



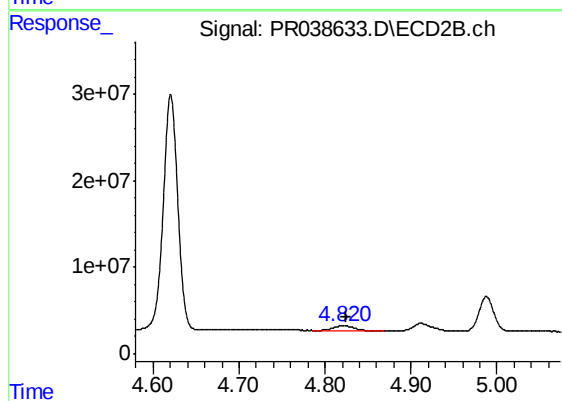
#7 AR-1016-5

R.T.: 6.248 min
Delta R.T.: 0.000 min
Response: 57833990
Conc: 420.53 ng/ml



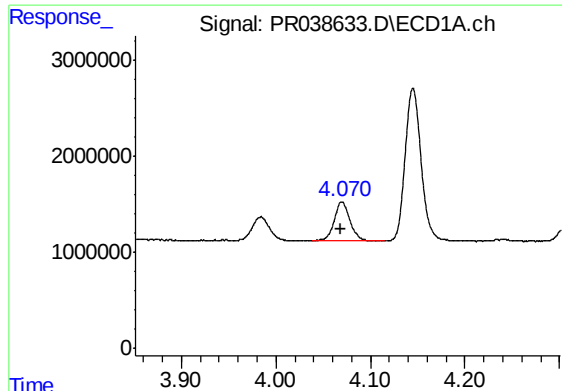
#8 AR-1221-1

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 3145413
Conc: 146.83 ng/ml



#8 AR-1221-1

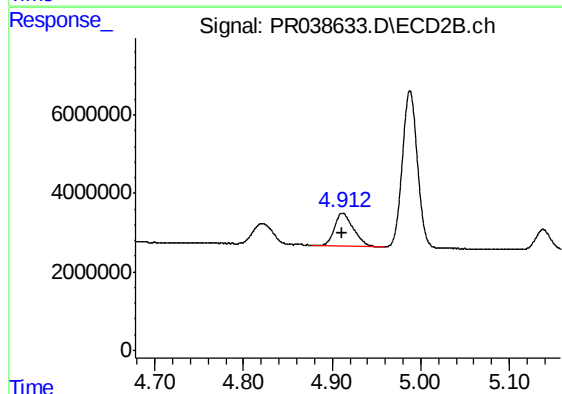
R.T.: 4.820 min
Delta R.T.: -0.004 min
Response: 8100871
Conc: 122.35 ng/ml



#9 AR-1221-2

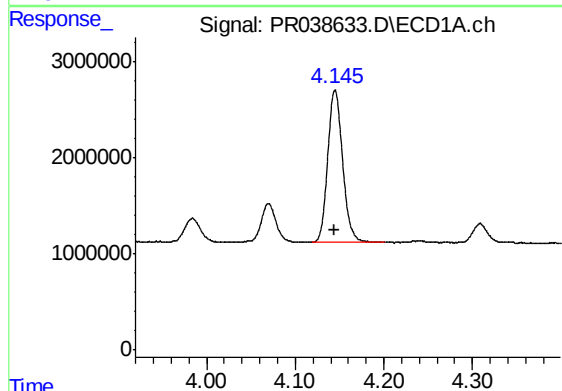
R.T.: 4.070 min
Delta R.T.: 0.002 min
Response: 4717432
Conc: 298.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



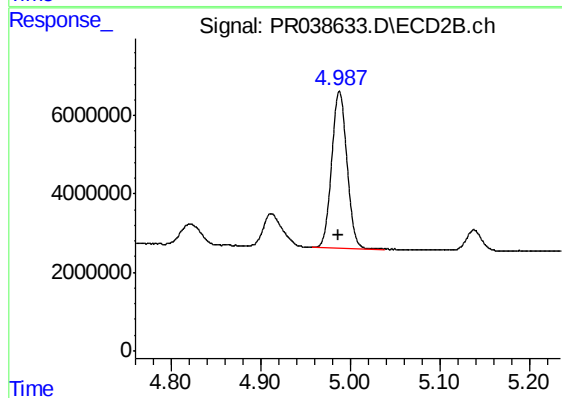
#9 AR-1221-2

R.T.: 4.912 min
Delta R.T.: 0.000 min
Response: 12379987
Conc: 252.29 ng/ml



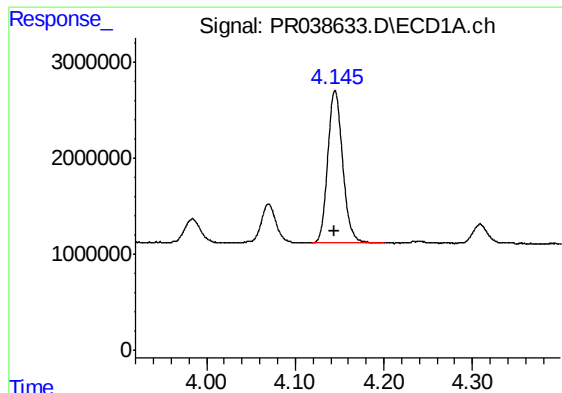
#10 AR-1221-3

R.T.: 4.145 min
Delta R.T.: 0.001 min
Response: 18615498
Conc: 357.78 ng/ml



#10 AR-1221-3

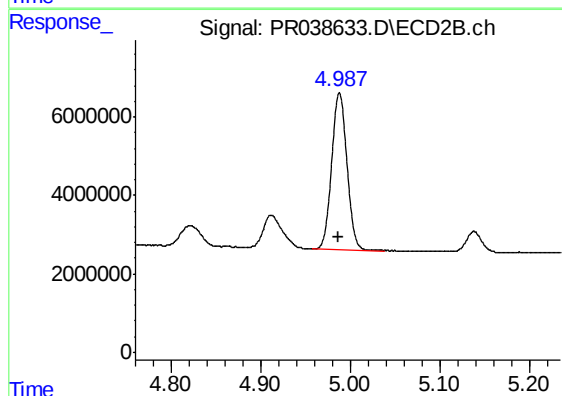
R.T.: 4.988 min
Delta R.T.: 0.000 min
Response: 47352207
Conc: 296.40 ng/ml



#11 AR-1232-1

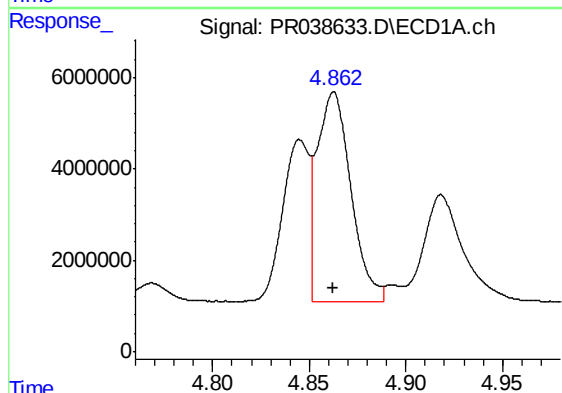
R.T.: 4.145 min
Delta R.T.: 0.000 min
Response: 18615498
Conc: 514.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



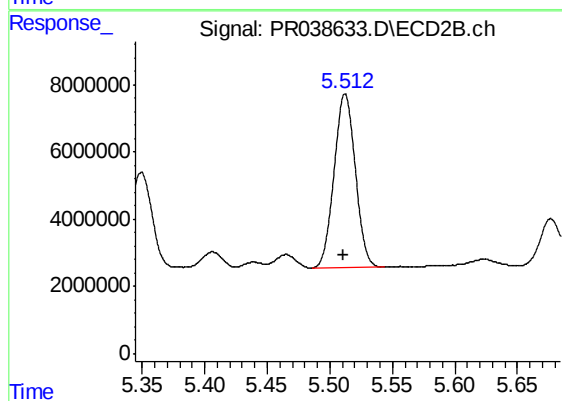
#11 AR-1232-1

R.T.: 4.988 min
Delta R.T.: 0.000 min
Response: 47352207
Conc: 428.10 ng/ml



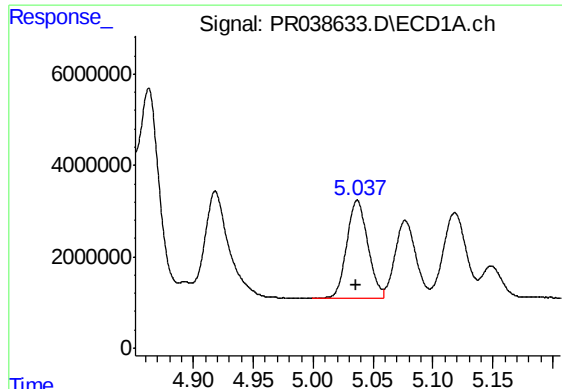
#12 AR-1232-2

R.T.: 4.863 min
Delta R.T.: 0.000 min
Response: 55233231
Conc: 1343.04 ng/ml



#12 AR-1232-2

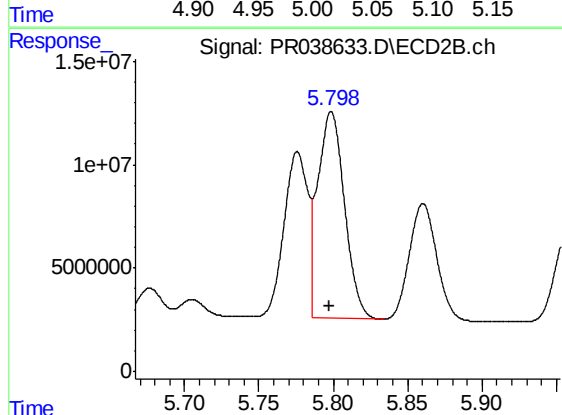
R.T.: 5.512 min
Delta R.T.: 0.001 min
Response: 61130359
Conc: 1094.09 ng/ml



#13 AR-1232-3

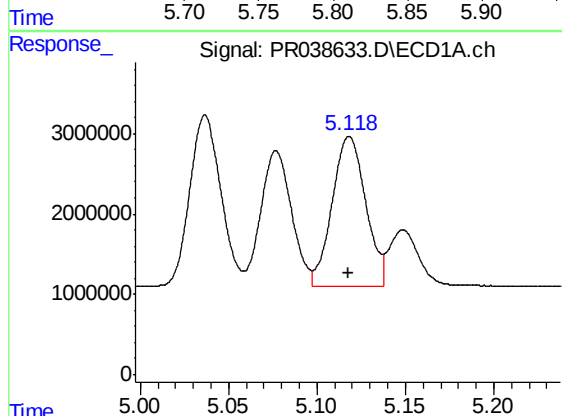
R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 26008567
Conc: 1328.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



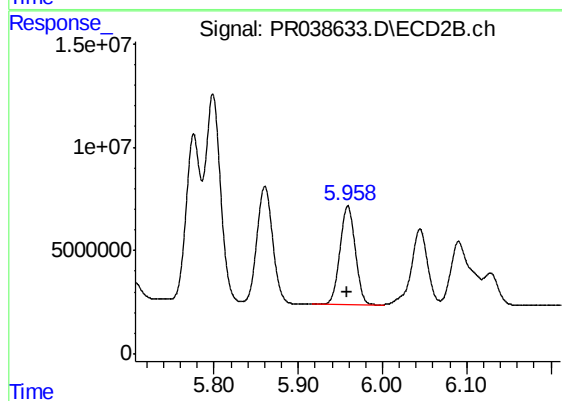
#13 AR-1232-3

R.T.: 5.799 min
Delta R.T.: 0.001 min
Response: 125280723
Conc: 1080.21 ng/ml



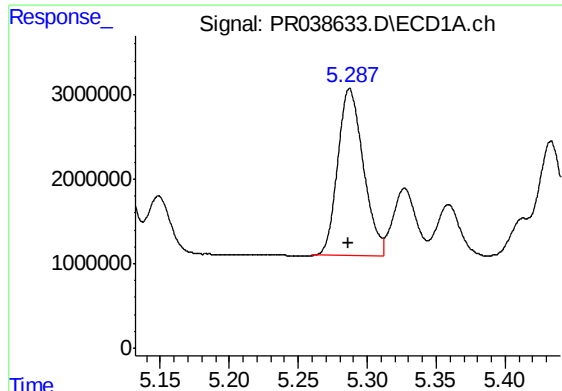
#14 AR-1232-4

R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 24523420
Conc: 1424.76 ng/ml



#14 AR-1232-4

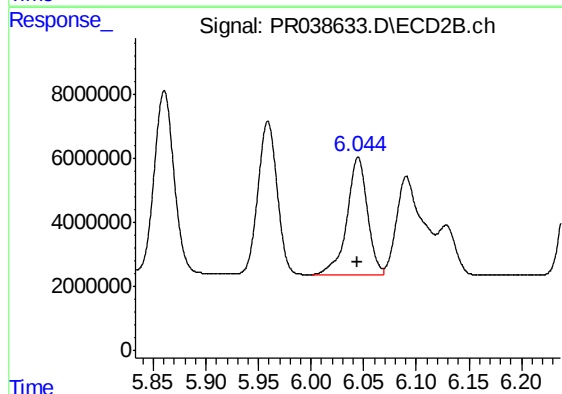
R.T.: 5.959 min
Delta R.T.: 0.000 min
Response: 60340209
Conc: 1086.64 ng/ml



#15 AR-1232-5

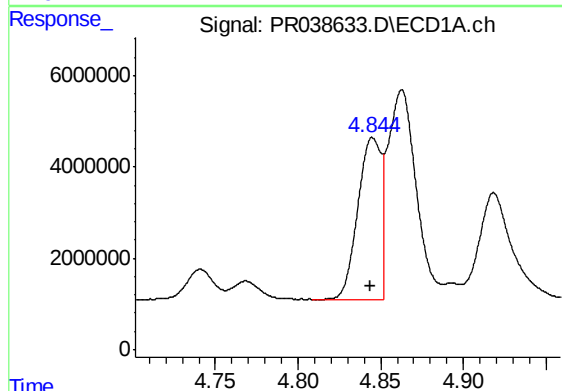
R.T.: 5.287 min
Delta R.T.: 0.000 min
Response: 25517374
Conc: 1336.04 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



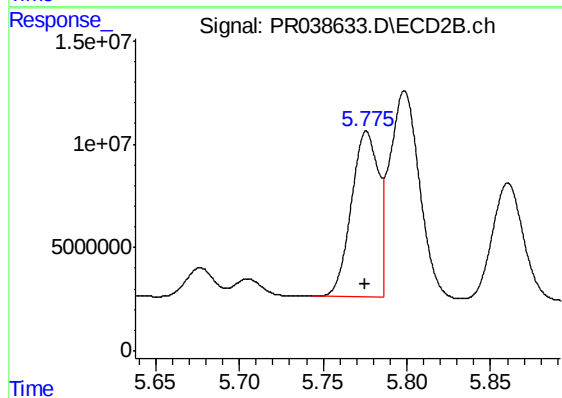
#15 AR-1232-5

R.T.: 6.045 min
Delta R.T.: 0.001 min
Response: 49806341
Conc: 1208.67 ng/ml



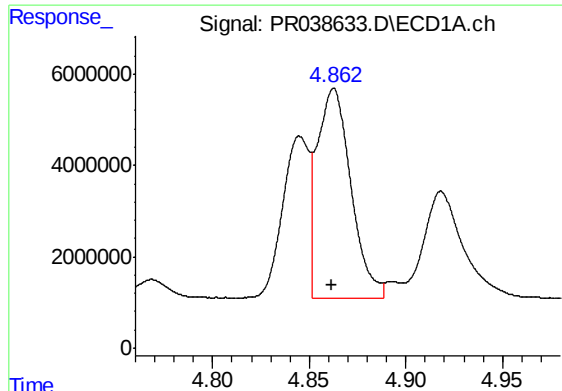
#16 AR-1242-1

R.T.: 4.845 min
Delta R.T.: 0.001 min
Response: 34132868
Conc: 674.91 ng/ml



#16 AR-1242-1

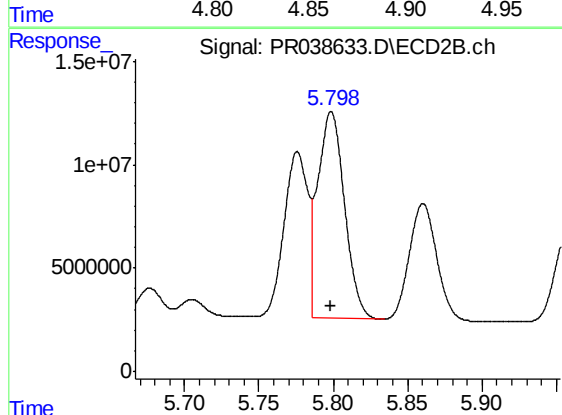
R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 90198447
Conc: 552.61 ng/ml



#17 AR-1242-2

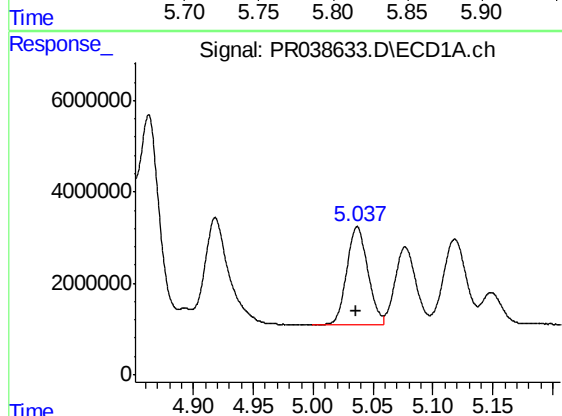
R.T.: 4.863 min
Delta R.T.: 0.001 min
Response: 55233231
Conc: 666.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



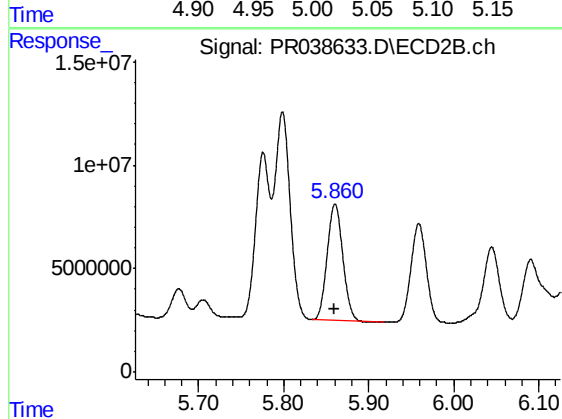
#17 AR-1242-2

R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 125280723
Conc: 537.17 ng/ml



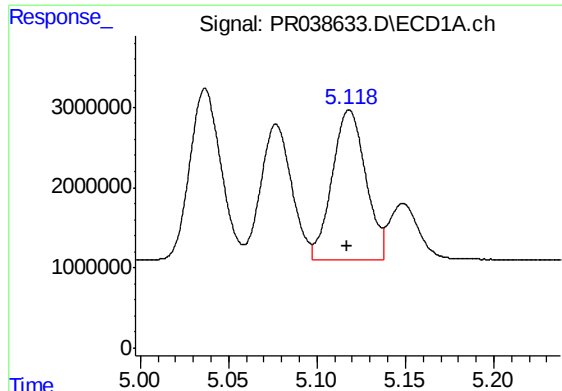
#18 AR-1242-3

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 26008567
Conc: 645.26 ng/ml



#18 AR-1242-3

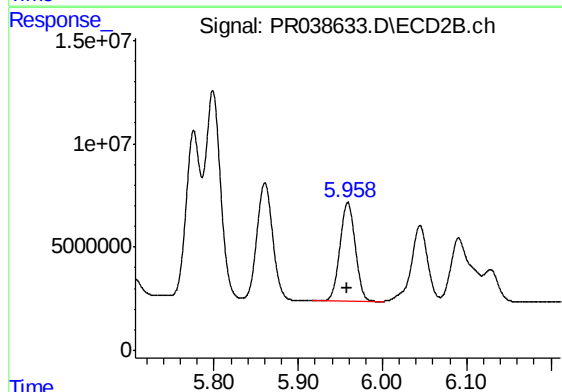
R.T.: 5.860 min
Delta R.T.: 0.000 min
Response: 72474932
Conc: 518.54 ng/ml



#19 AR-1242-4

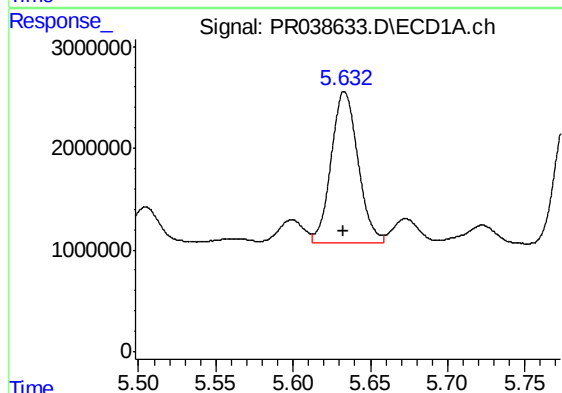
R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 24523420
Conc: 626.32 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



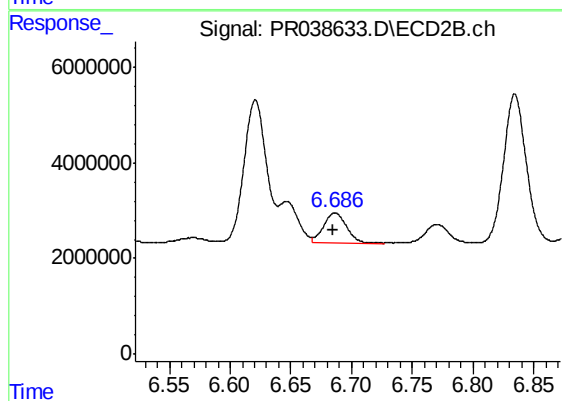
#19 AR-1242-4

R.T.: 5.959 min
Delta R.T.: 0.000 min
Response: 60340209
Conc: 530.76 ng/ml



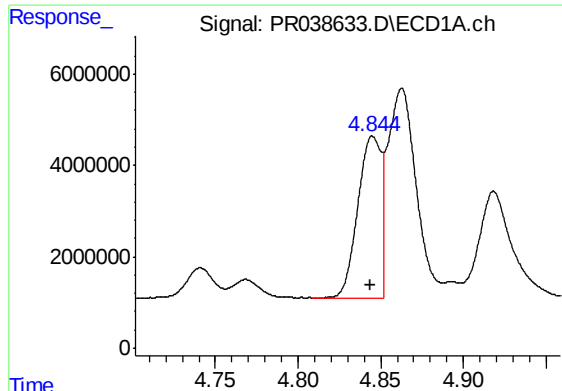
#20 AR-1242-5

R.T.: 5.633 min
Delta R.T.: 0.001 min
Response: 17970530
Conc: 330.10 ng/ml



#20 AR-1242-5

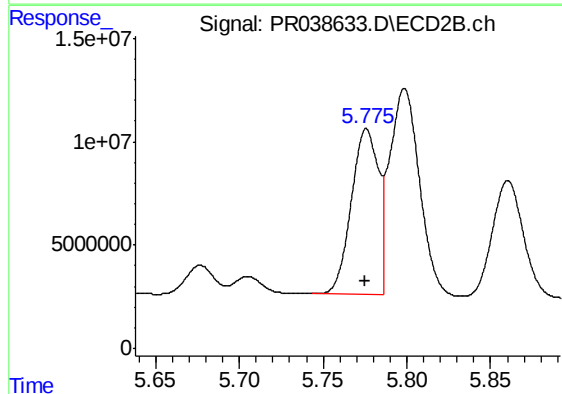
R.T.: 6.686 min
Delta R.T.: 0.001 min
Response: 8266538
Conc: 64.01 ng/ml



#21 AR-1248-1

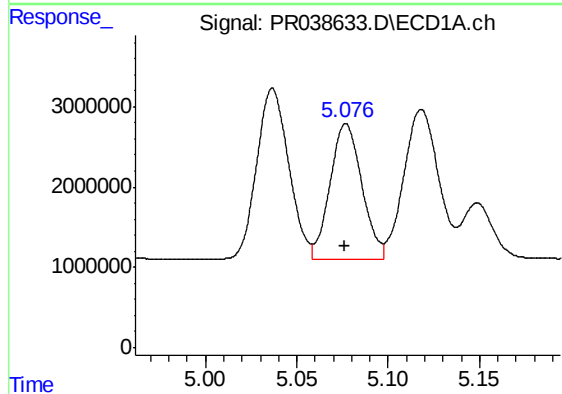
R.T.: 4.845 min
Delta R.T.: 0.001 min
Response: 34132868
Conc: 787.41 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



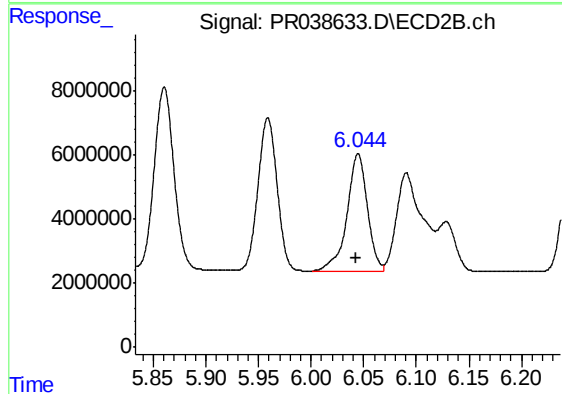
#21 AR-1248-1

R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 90198447
Conc: 668.89 ng/ml



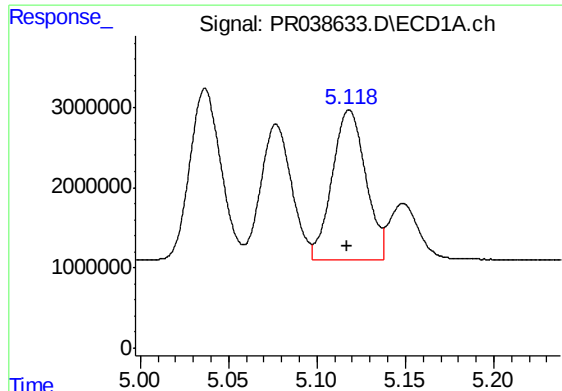
#22 AR-1248-2

R.T.: 5.077 min
Delta R.T.: 0.000 min
Response: 20393059
Conc: 349.41 ng/ml



#22 AR-1248-2

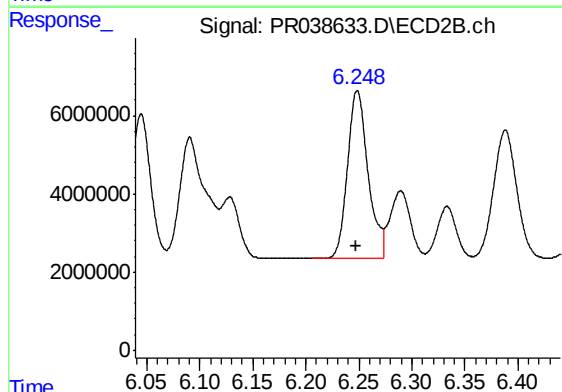
R.T.: 6.045 min
Delta R.T.: 0.001 min
Response: 49806341
Conc: 282.77 ng/ml



#23 AR-1248-3

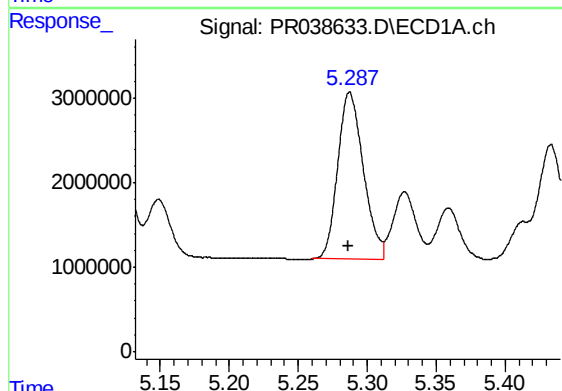
R.T.: 5.118 min
Delta R.T.: 0.001 min
Response: 24523420
Conc: 411.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



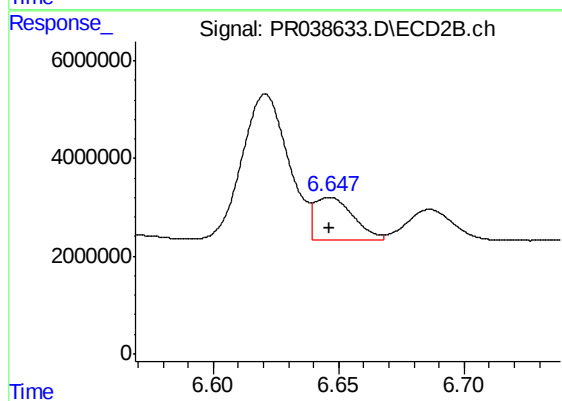
#23 AR-1248-3

R.T.: 6.248 min
Delta R.T.: 0.000 min
Response: 57833990
Conc: 288.04 ng/ml



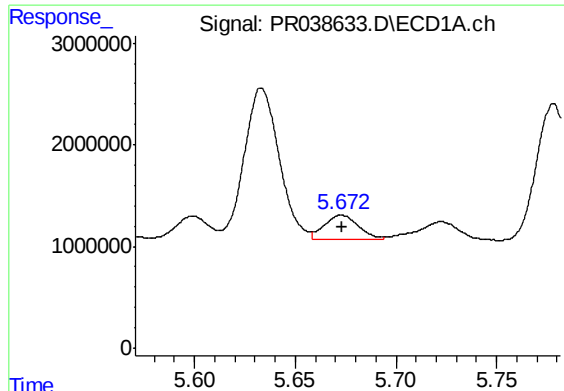
#24 AR-1248-4

R.T.: 5.287 min
Delta R.T.: 0.000 min
Response: 25517374
Conc: 349.11 ng/ml



#24 AR-1248-4

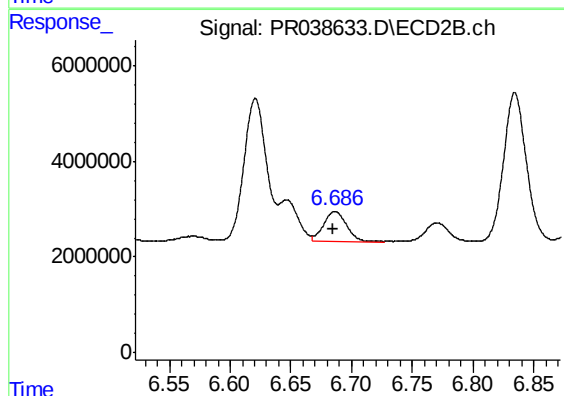
R.T.: 6.647 min
Delta R.T.: 0.000 min
Response: 9408889
Conc: 40.15 ng/ml



#25 AR-1248-5

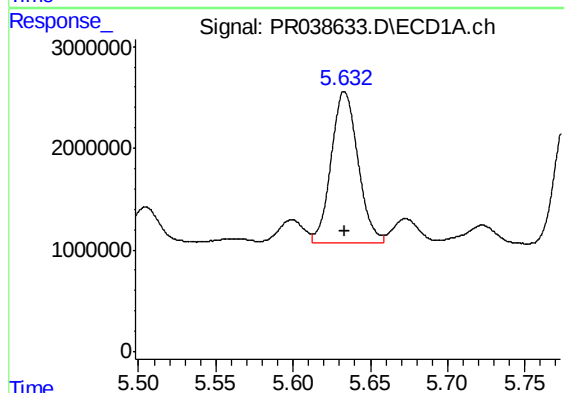
R.T.: 5.673 min
Delta R.T.: 0.000 min
Response: 2867319
Conc: 37.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



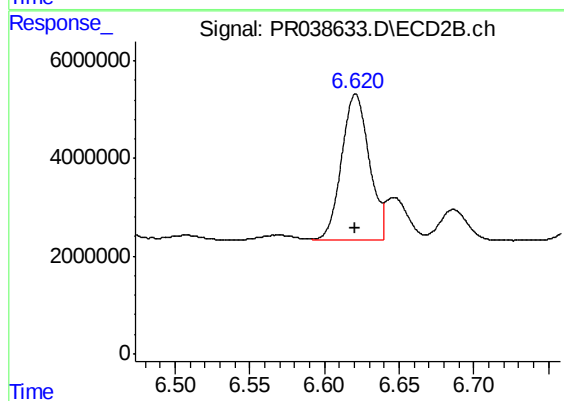
#25 AR-1248-5

R.T.: 6.686 min
Delta R.T.: 0.001 min
Response: 8266538
Conc: 37.32 ng/ml



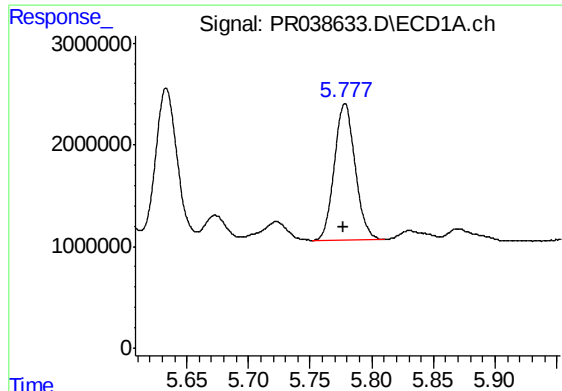
#26 AR-1254-1

R.T.: 5.633 min
Delta R.T.: 0.000 min
Response: 17970530
Conc: 166.31 ng/ml



#26 AR-1254-1

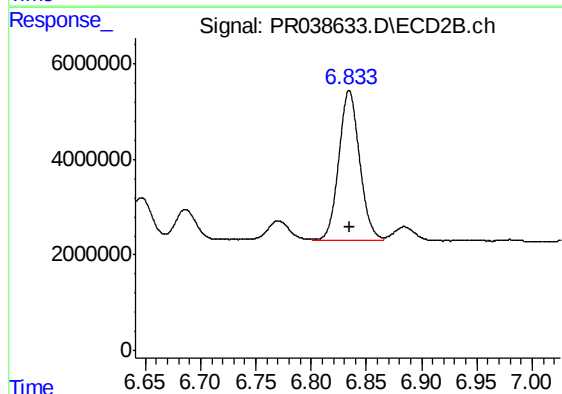
R.T.: 6.621 min
Delta R.T.: 0.000 min
Response: 38510435
Conc: 179.98 ng/ml



#27 AR-1254-2

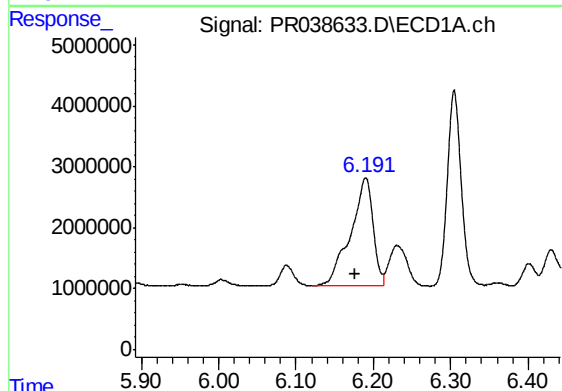
R.T.: 5.778 min
Delta R.T.: 0.001 min
Response: 15720540
Conc: 167.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



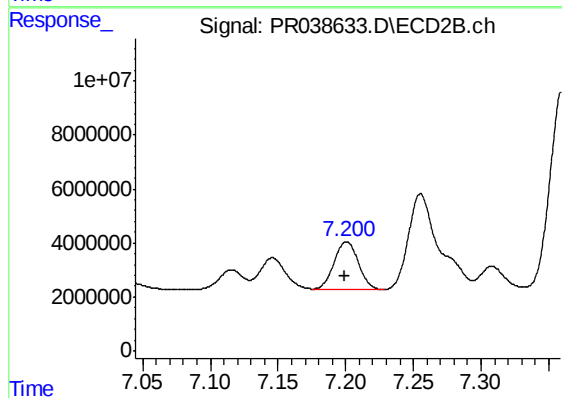
#27 AR-1254-2

R.T.: 6.835 min
Delta R.T.: 0.000 min
Response: 41079847
Conc: 124.54 ng/ml



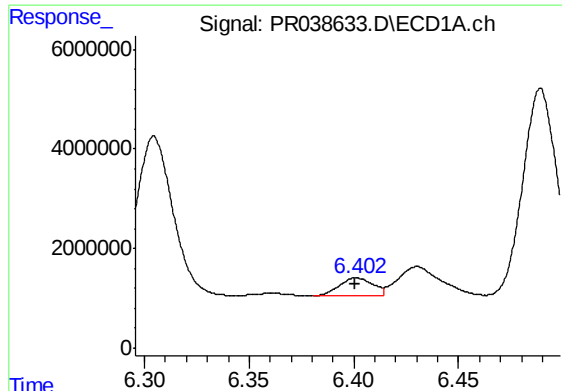
#28 AR-1254-3

R.T.: 6.190 min
Delta R.T.: 0.014 min
Response: 35983914
Conc: 229.51 ng/ml



#28 AR-1254-3

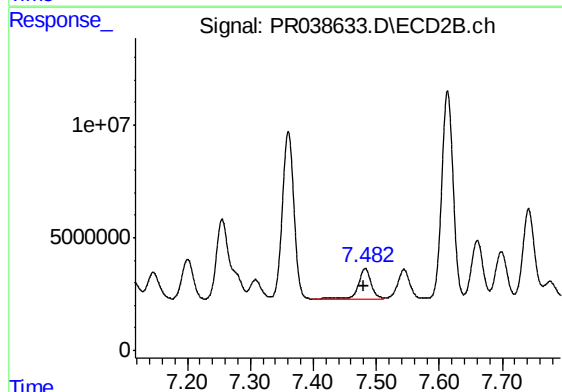
R.T.: 7.200 min
Delta R.T.: 0.001 min
Response: 21989994
Conc: 61.09 ng/ml



#29 AR-1254-4

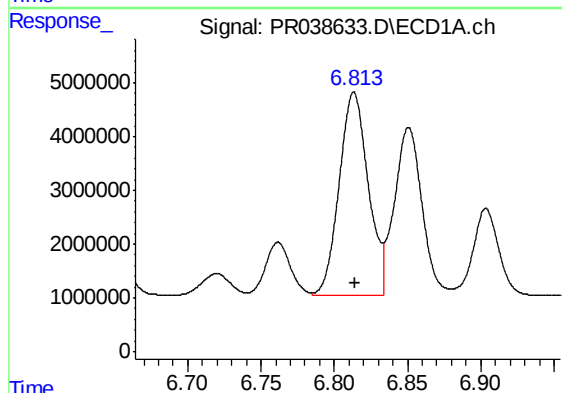
R.T.: 6.401 min
Delta R.T.: 0.000 min
Response: 4223508
Conc: 40.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



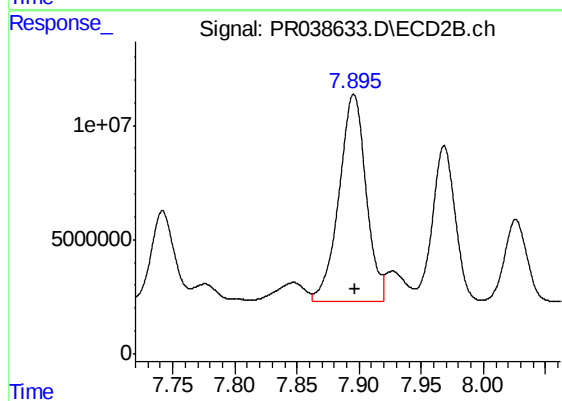
#29 AR-1254-4

R.T.: 7.482 min
Delta R.T.: 0.001 min
Response: 19135969
Conc: 71.41 ng/ml



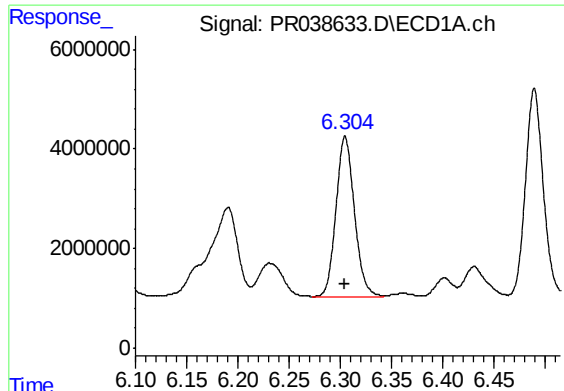
#30 AR-1254-5

R.T.: 6.813 min
Delta R.T.: 0.000 min
Response: 52308656
Conc: 377.16 ng/ml



#30 AR-1254-5

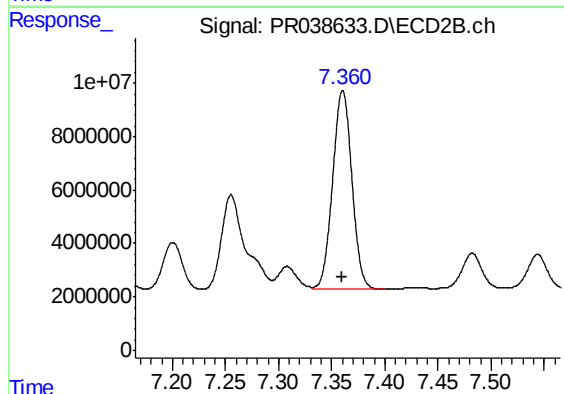
R.T.: 7.896 min
Delta R.T.: 0.000 min
Response: 137255209
Conc: 488.58 ng/ml



#31 AR-1260-1

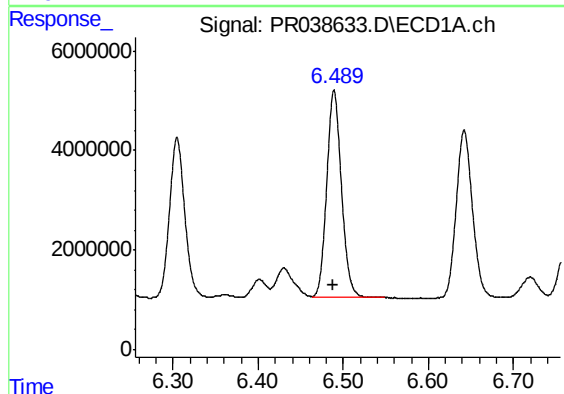
R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 40099304
Conc: 416.76 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



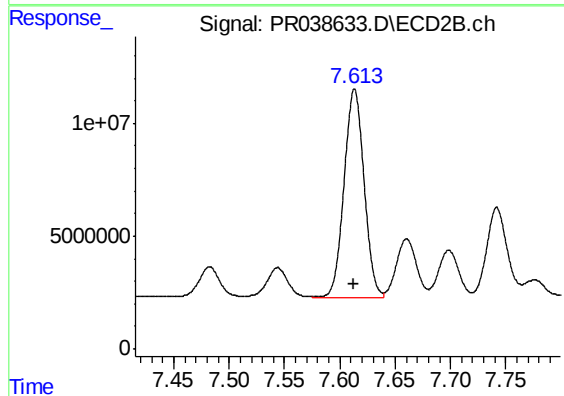
#31 AR-1260-1

R.T.: 7.360 min
Delta R.T.: 0.000 min
Response: 94228817
Conc: 390.91 ng/ml



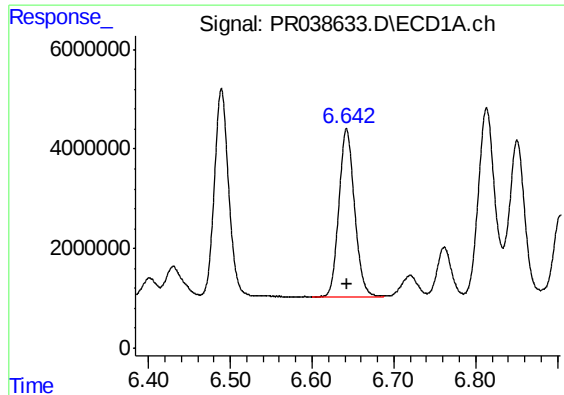
#32 AR-1260-2

R.T.: 6.489 min
Delta R.T.: 0.000 min
Response: 50135564
Conc: 407.87 ng/ml



#32 AR-1260-2

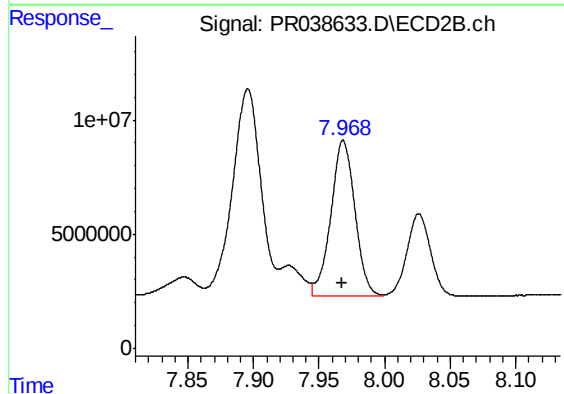
R.T.: 7.613 min
Delta R.T.: 0.001 min
Response: 115791936
Conc: 397.81 ng/ml



#33 AR-1260-3

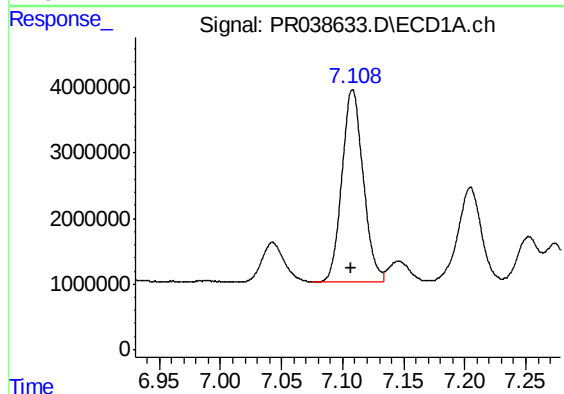
R.T.: 6.642 min
Delta R.T.: 0.000 min
Response: 44480476
Conc: 409.10 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



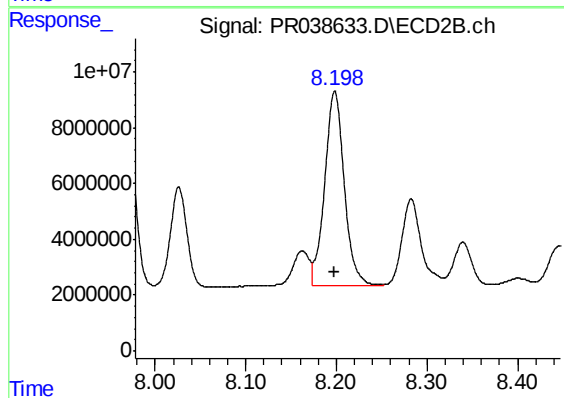
#33 AR-1260-3

R.T.: 7.968 min
Delta R.T.: 0.001 min
Response: 86978796
Conc: 395.27 ng/ml



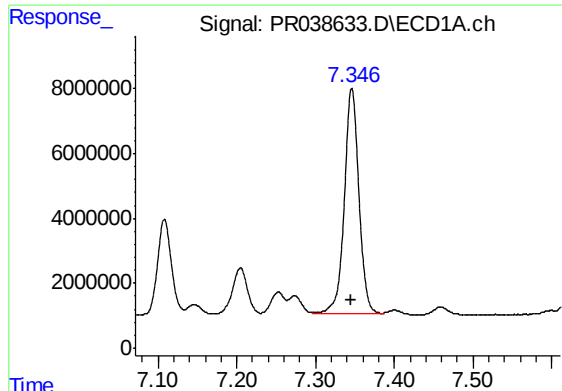
#34 AR-1260-4

R.T.: 7.108 min
Delta R.T.: 0.000 min
Response: 35387606
Conc: 390.64 ng/ml



#34 AR-1260-4

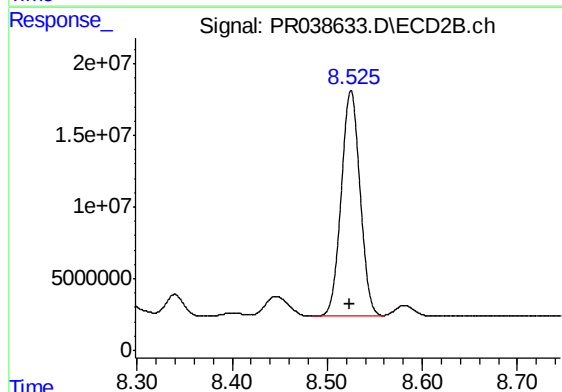
R.T.: 8.198 min
Delta R.T.: 0.000 min
Response: 104184709
Conc: 413.38 ng/ml



#35 AR-1260-5

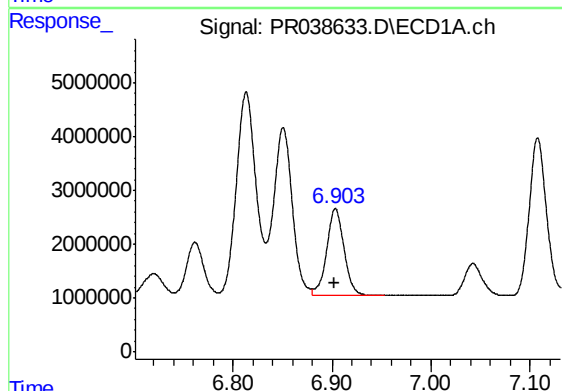
R.T.: 7.346 min
Delta R.T.: 0.000 min
Response: 88880720
Conc: 376.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



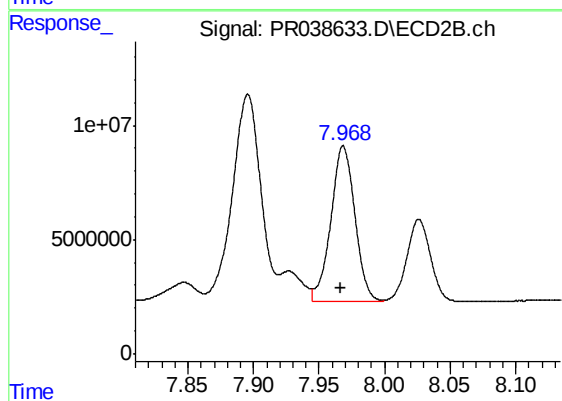
#35 AR-1260-5

R.T.: 8.525 min
Delta R.T.: 0.002 min
Response: 215497879
Conc: 407.44 ng/ml



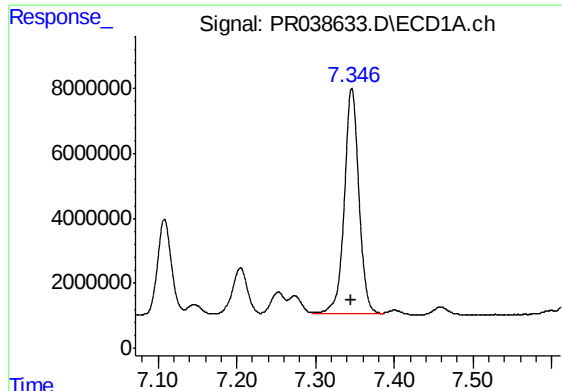
#36 AR-1262-1

R.T.: 6.904 min
Delta R.T.: 0.001 min
Response: 19850207
Conc: 296.71 ng/ml



#36 AR-1262-1

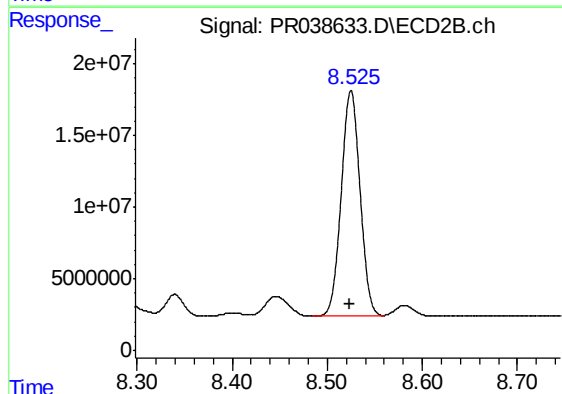
R.T.: 7.968 min
Delta R.T.: 0.002 min
Response: 86978796
Conc: 229.35 ng/ml



#37 AR-1262-2

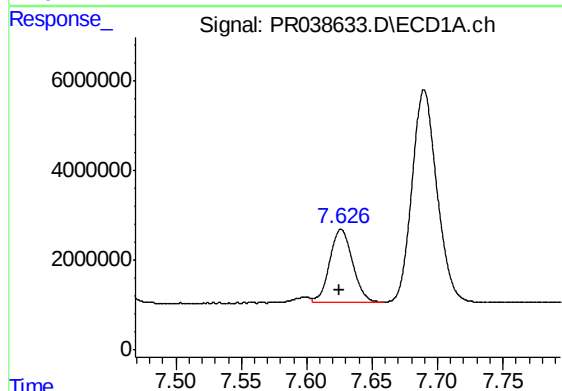
R.T.: 7.346 min
Delta R.T.: 0.001 min
Response: 88880720
Conc: 275.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



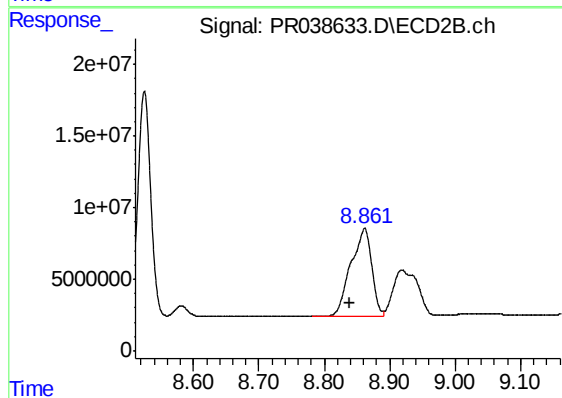
#37 AR-1262-2

R.T.: 8.525 min
Delta R.T.: 0.002 min
Response: 215497879
Conc: 301.58 ng/ml



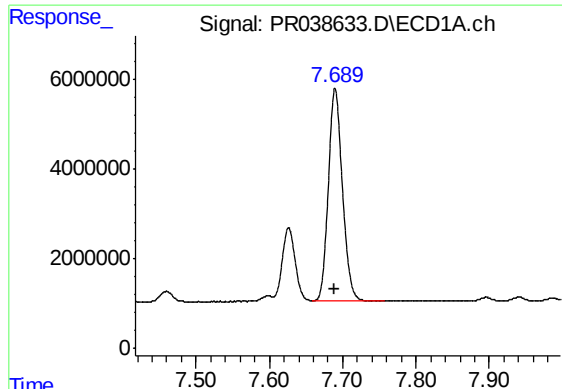
#38 AR-1262-3

R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 20226360
Conc: 161.73 ng/ml



#38 AR-1262-3

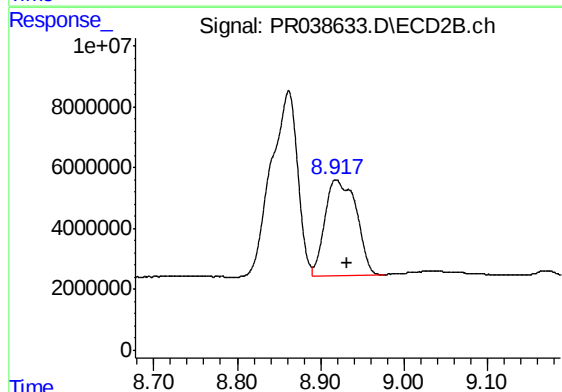
R.T.: 8.862 min
Delta R.T.: 0.022 min
Response: 134384112
Conc: 289.80 ng/ml



#39 AR-1262-4

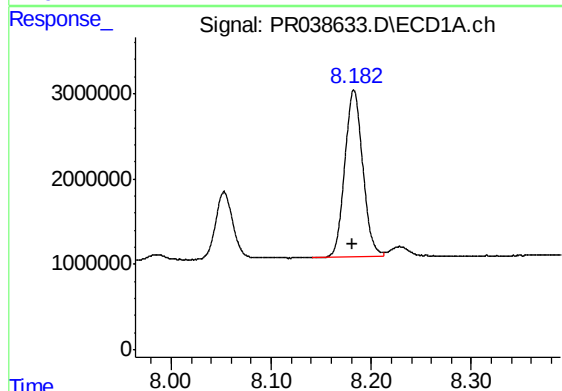
R.T.: 7.690 min
Delta R.T.: 0.000 min
Response: 63381202
Conc: 272.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



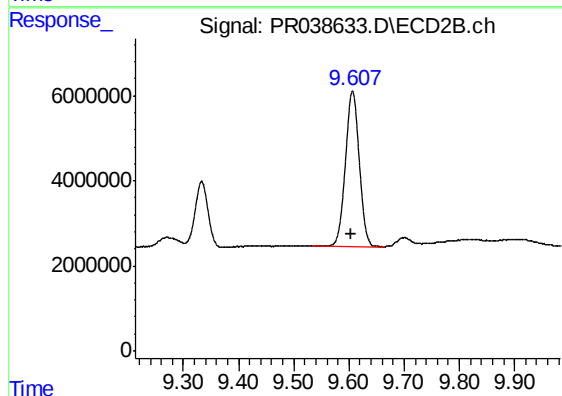
#39 AR-1262-4

R.T.: 8.918 min
Delta R.T.: -0.013 min
Response: 81964057
Conc: 233.72 ng/ml



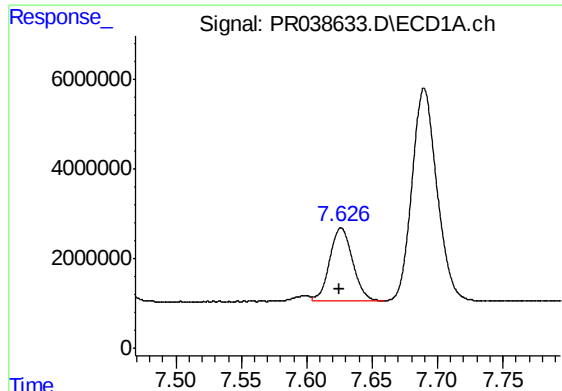
#40 AR-1262-5

R.T.: 8.183 min
Delta R.T.: 0.001 min
Response: 24447669
Conc: 224.86 ng/ml



#40 AR-1262-5

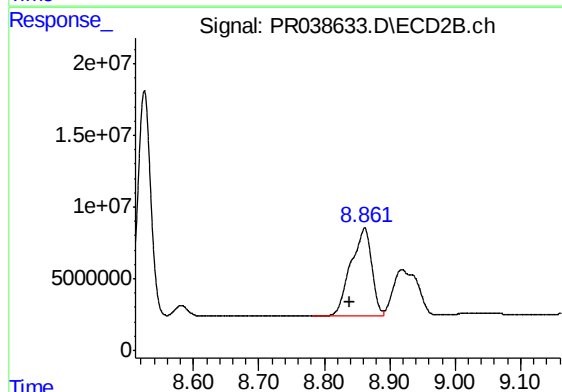
R.T.: 9.607 min
Delta R.T.: 0.003 min
Response: 63642410
Conc: 248.01 ng/ml



#41 AR-1268-1

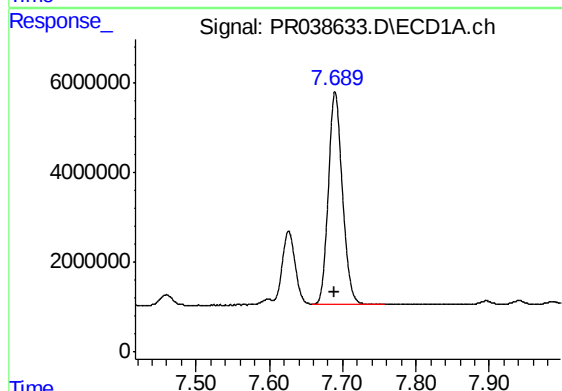
R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 20226360
Conc: 55.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



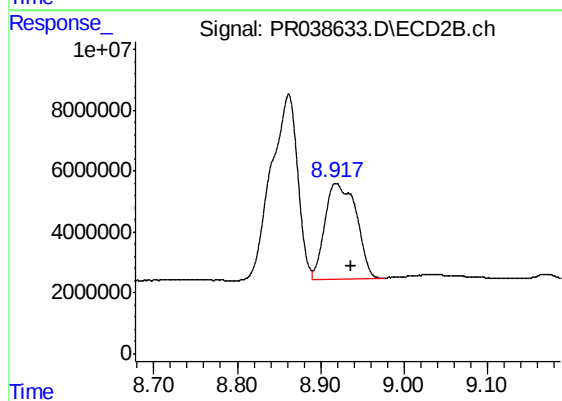
#41 AR-1268-1

R.T.: 8.862 min
Delta R.T.: 0.022 min
Response: 134384112
Conc: 170.96 ng/ml



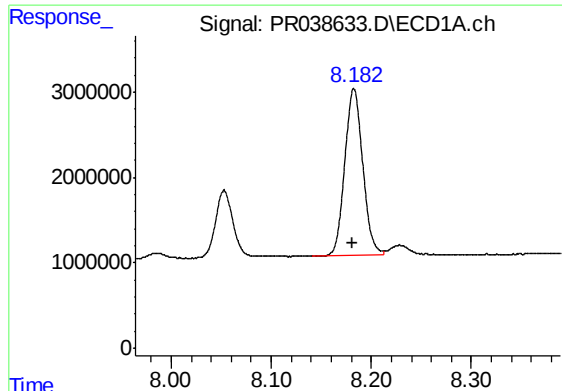
#42 AR-1268-2

R.T.: 7.690 min
Delta R.T.: 0.000 min
Response: 63381202
Conc: 188.93 ng/ml



#42 AR-1268-2

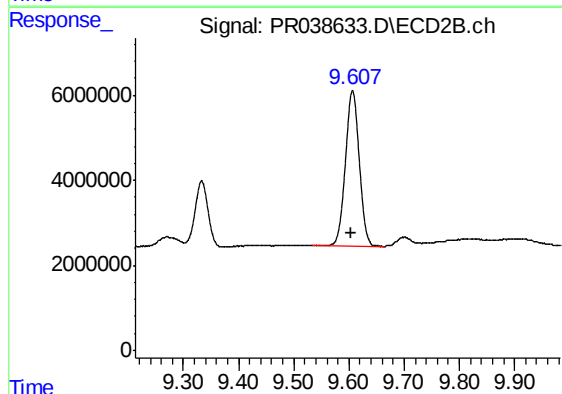
R.T.: 8.918 min
Delta R.T.: -0.019 min
Response: 81964057
Conc: 111.57 ng/ml



#44 AR-1268-4

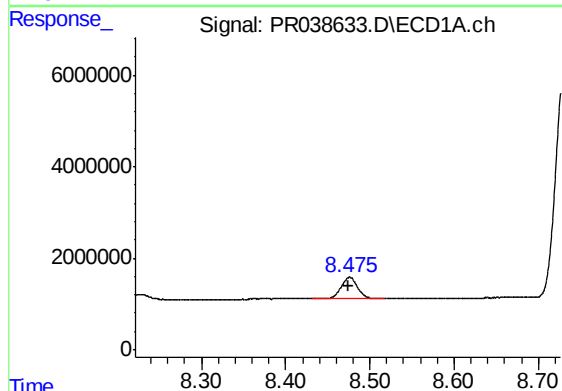
R.T.: 8.183 min
Delta R.T.: 0.001 min
Response: 24447669
Conc: 206.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



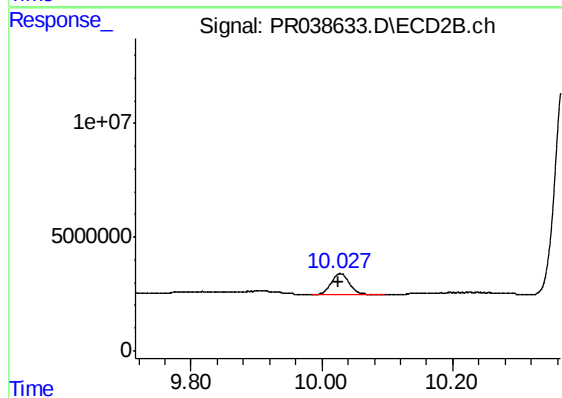
#44 AR-1268-4

R.T.: 9.607 min
Delta R.T.: 0.002 min
Response: 63642410
Conc: 234.14 ng/ml



#45 AR-1268-5

R.T.: 8.476 min
Delta R.T.: 0.002 min
Response: 6350150
Conc: 7.16 ng/ml



#45 AR-1268-5

R.T.: 10.028 min
Delta R.T.: 0.003 min
Response: 18040372
Conc: 8.31 ng/ml