

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR062221\
 Data File : PR050958.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jun 2021 15:55
 Operator : DD\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR12423097

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 23 01:12:05 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR060121CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 02 05:07:41 2021
 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...	4.632	3.814	150.9E6	131.0E6	23.653	20.147
2)	SA Decachlor...	10.505	8.837	275.4E6	273.3E6	37.903	35.249
Target Compounds							
3)	L1 AR-1016-1	5.814	4.899	112.6E6	92861671	413.584	385.782
4)	L1 AR-1016-2	5.837	4.918	161.3E6	134.5E6	419.499	366.573
5)	L1 AR-1016-3	5.899	5.093	94926188	70902710	413.980	372.666
6)	L1 AR-1016-4	6.000	5.134	79640844	51189281	413.513	330.883
7)	L1 AR-1016-5	6.293	5.347	76998522	75805391	397.013	370.463
8)	L2 AR-1221-1	4.842	4.024	10094430	8491753	139.054	121.389
9)	L2 AR-1221-2	4.933	4.112	12888250	11157458	253.619	223.204
10)	L2 AR-1221-3	5.011	4.187	53741816	45633185	317.152	269.238
11)	L3 AR-1232-1	5.011	4.187	53741816	45633185	386.746	331.441
12)	L3 AR-1232-2	5.545	4.918	73308290	134.5E6	950.452	897.144
13)	L3 AR-1232-3	5.837	5.093	161.3E6	70902710	1026.420	906.605
14)	L3 AR-1232-4	6.000	5.177	79640844	66507241	1007.013	947.138
15)	L3 AR-1232-5	6.085	5.347	64710577	75805391	1066.752	965.162
16)	L4 AR-1242-1	5.814	4.899	112.6E6	92861671	465.394	420.232
17)	L4 AR-1242-2	5.837	4.918	161.3E6	134.5E6	468.471	410.722
18)	L4 AR-1242-3	5.899	5.093	94926188	70902710	458.675	410.718
19)	L4 AR-1242-4	6.000	5.177	79640844	66507241	458.431	394.444
20)	L4 AR-1242-5	6.737	5.697	85593775	91137332	429.139	394.711
21)	L5 AR-1248-1	5.814	4.899	112.6E6	92861671	706.652	626.067
22)	L5 AR-1248-2	6.085	5.134	64710577	51189281	279.696	243.636
23)	L5 AR-1248-3	6.293	5.177	76998522	66507241	292.256	298.183
24)	L5 AR-1248-4	6.699	5.347	82206690	75805391	257.652	274.975
25)	L5 AR-1248-5	6.737	5.739	85593775	78491901	279.285	267.205
26)	L6 AR-1254-1	6.669	5.697	61459847	91137332	141.470	148.059
27)	L6 AR-1254-2	6.896	5.844	71370751	22479927	103.504	41.775 #
28)	L6 AR-1254-3	7.258	6.247	31317578	29163084	40.972	30.614 #
29)	L6 AR-1254-4	7.545	6.474	23011554	23154570	39.743	38.925
30)	L6 AR-1254-5	7.964	6.890	5224712	7309870	8.287	8.395
31)	L7 AR-1260-1	7.419	6.392	3785000	11071614	10.649	27.523 #
32)	L7 AR-1260-2	7.672	6.563	5908185	3236549	13.670	6.632 #
33)	L7 AR-1260-3	7.992f	6.716	552024	3106250	1.707	6.646 #
34)	L7 AR-1260-4	8.264	7.224	2354139	2186882	6.128	5.480
35)	L7 AR-1260-5	8.538f	7.405	1125583	1957373	1.405	2.010 #
36)	L8 AR-1262-1	7.992f	6.890	552024	7309870	0.960	20.596 #
37)	L8 AR-1262-2	8.538f	7.405	1125583	1957373	1.028	1.482 #
38)	L8 AR-1262-3	0.000	7.774f	0	697832	N.D.	1.409 #
39)	L8 AR-1262-4	0.000	7.774	0	697832	N.D.	0.715 #
40)	L8 AR-1262-5	9.758f	0.000	1474788	0	3.701	N.D. #
41)	L9 AR-1268-1	0.000	7.774f	0	697832	N.D.	0.417 #
42)	L9 AR-1268-2	0.000	7.774	0	697832	N.D.	0.450 #

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
44) L9	AR-1268-4	9.758f	0.000	1474788	0	2.977	N.D.	#
45) L9	AR-1268-5	10.156	8.573	1837169	1792424	0.473	0.433	

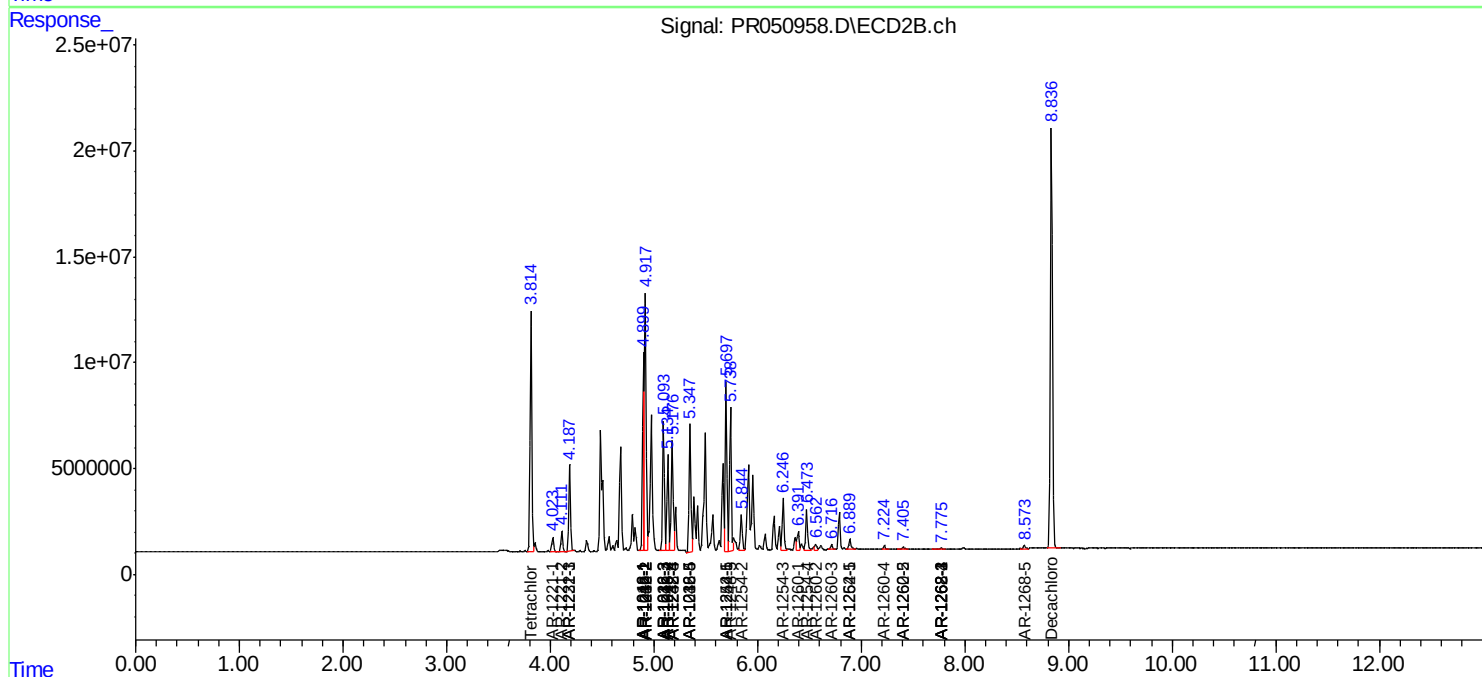
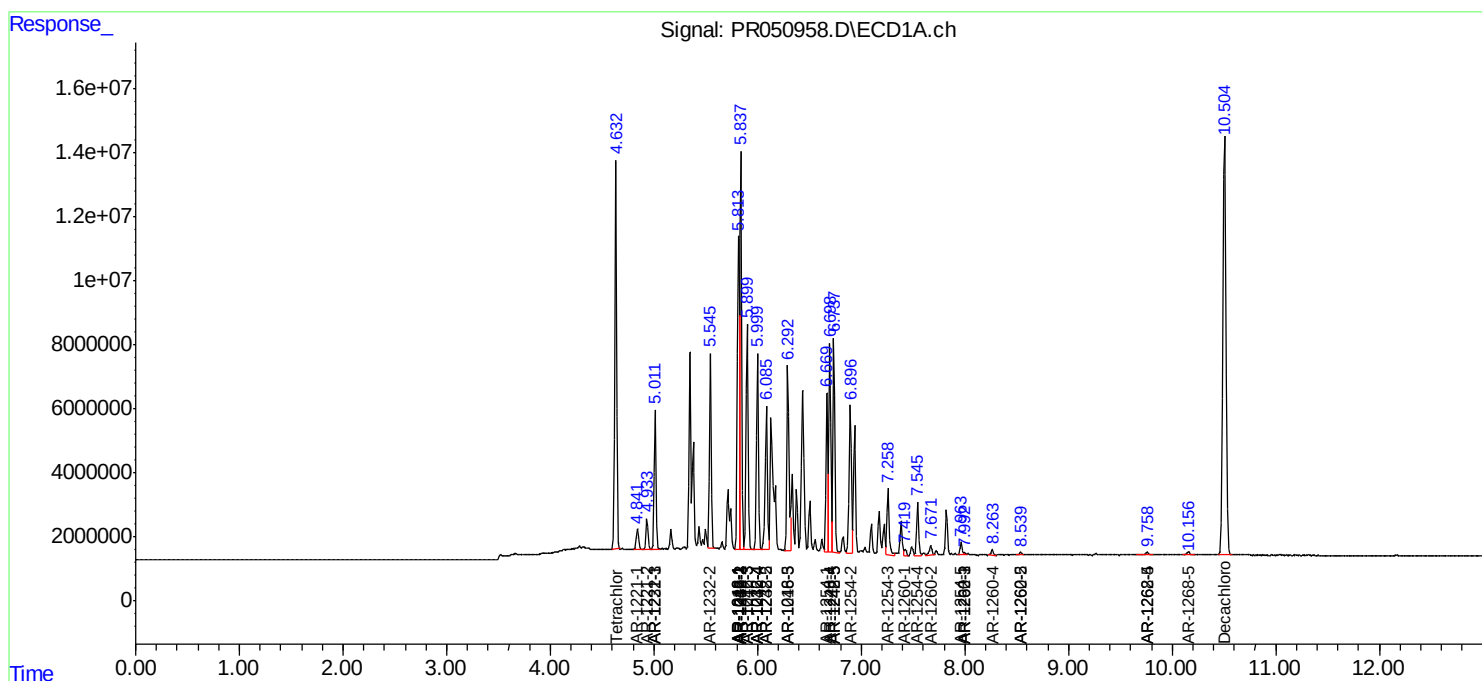
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

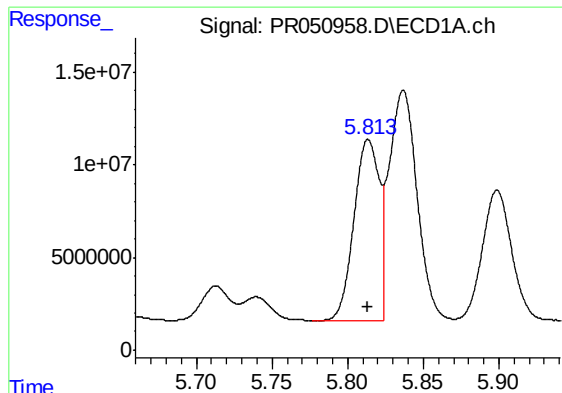
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

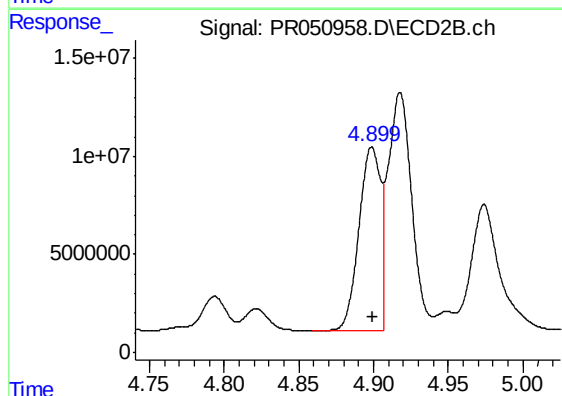




#3 AR-1016-1

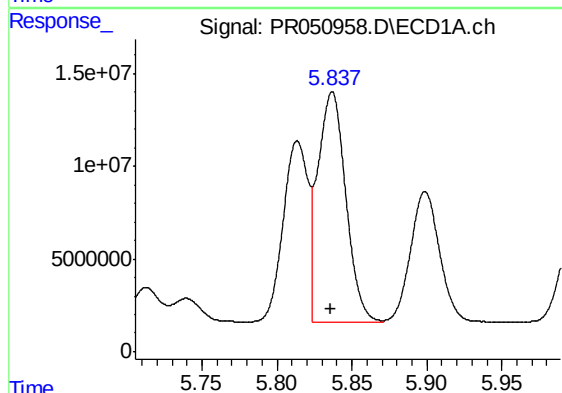
R.T.: 5.814 min
Delta R.T.: 0.000 min
Response: 112621472
Conc: 413.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12423097



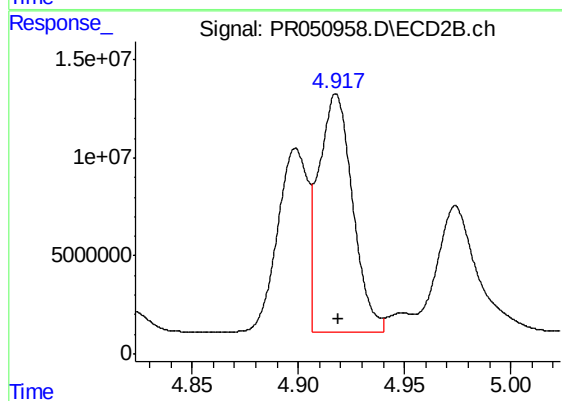
#3 AR-1016-1

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 92861671
Conc: 385.78 ng/ml



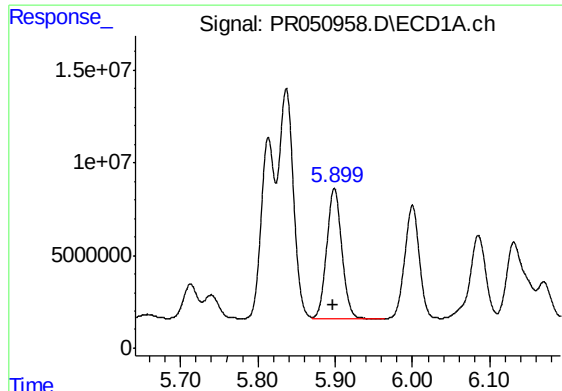
#4 AR-1016-2

R.T.: 5.837 min
Delta R.T.: 0.000 min
Response: 161297619
Conc: 419.50 ng/ml



#4 AR-1016-2

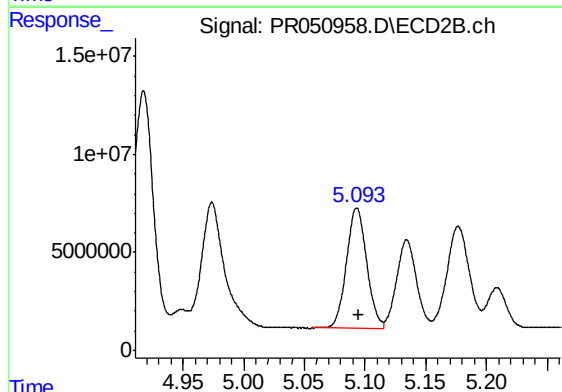
R.T.: 4.918 min
Delta R.T.: -0.001 min
Response: 134541326
Conc: 366.57 ng/ml



#5 AR-1016-3

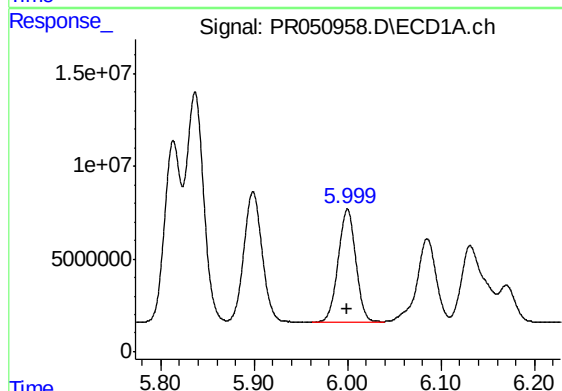
R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 94926188
Conc: 413.98 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12423097



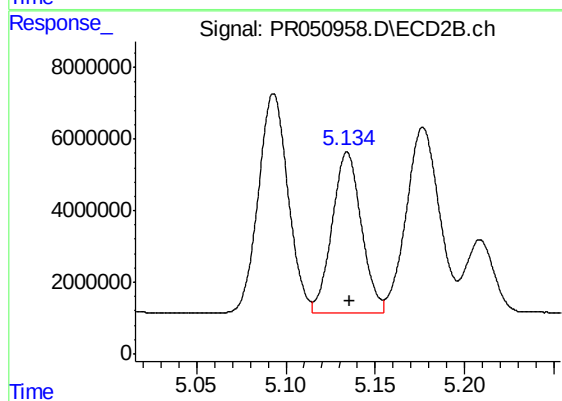
#5 AR-1016-3

R.T.: 5.093 min
Delta R.T.: -0.001 min
Response: 70902710
Conc: 372.67 ng/ml



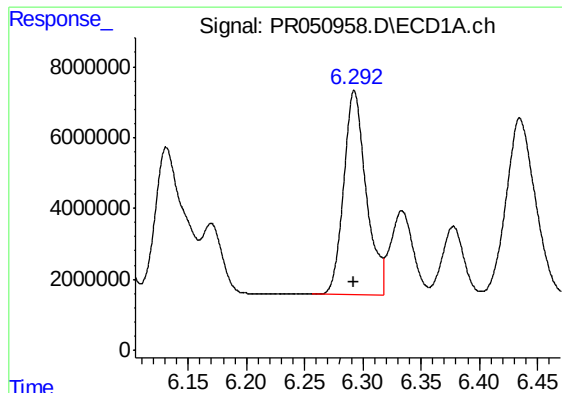
#6 AR-1016-4

R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 79640844
Conc: 413.51 ng/ml



#6 AR-1016-4

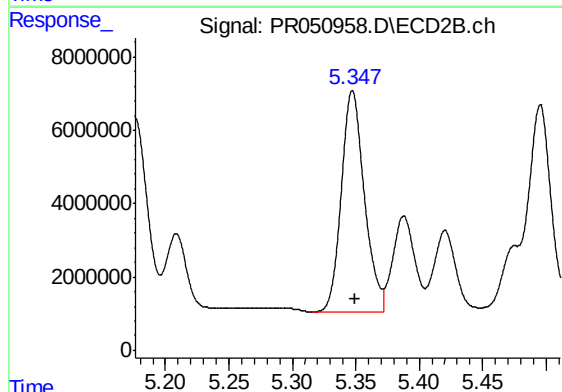
R.T.: 5.134 min
Delta R.T.: -0.001 min
Response: 51189281
Conc: 330.88 ng/ml



#7 AR-1016-5

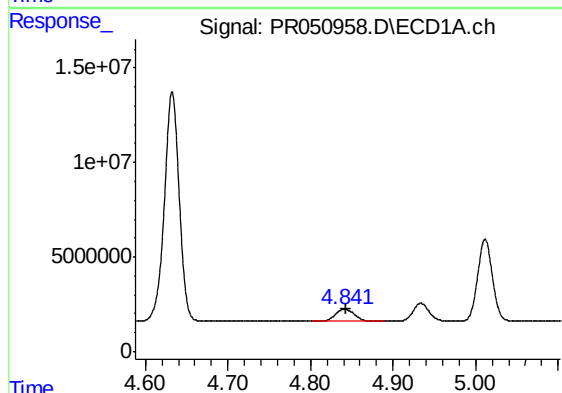
R.T.: 6.293 min
Delta R.T.: 0.000 min
Response: 76998522
Conc: 397.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12423097



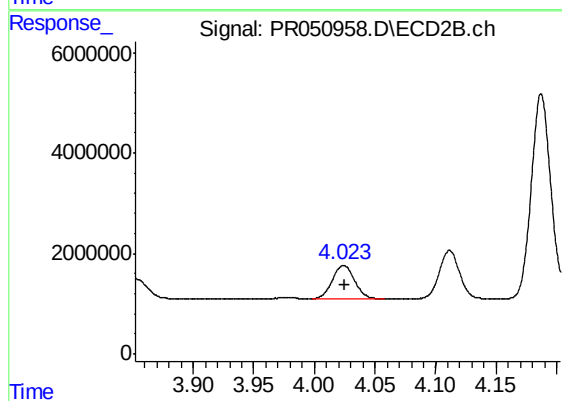
#7 AR-1016-5

R.T.: 5.347 min
Delta R.T.: -0.002 min
Response: 75805391
Conc: 370.46 ng/ml



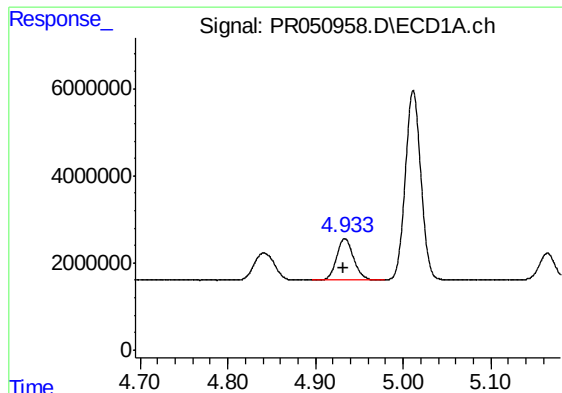
#8 AR-1221-1

R.T.: 4.842 min
Delta R.T.: -0.002 min
Response: 10094430
Conc: 139.05 ng/ml



#8 AR-1221-1

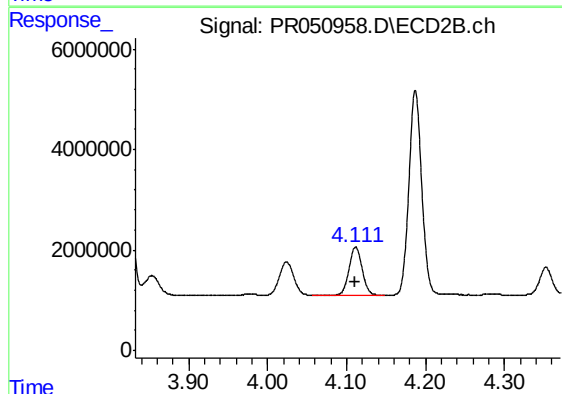
R.T.: 4.024 min
Delta R.T.: -0.001 min
Response: 8491753
Conc: 121.39 ng/ml



#9 AR-1221-2

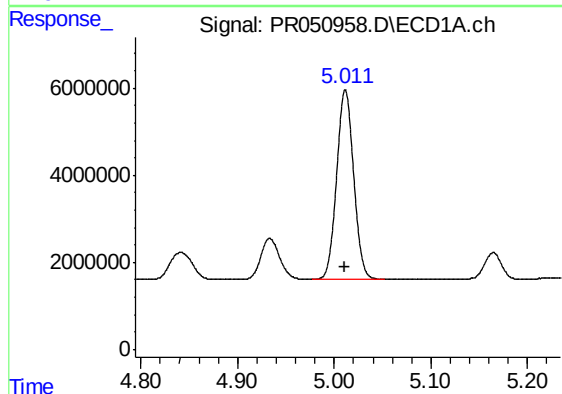
R.T.: 4.933 min
Delta R.T.: 0.001 min
Response: 12888250
Conc: 253.62 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12423097



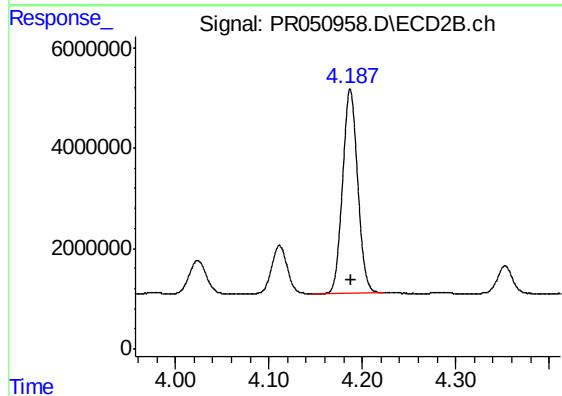
#9 AR-1221-2

R.T.: 4.112 min
Delta R.T.: 0.000 min
Response: 11157458
Conc: 223.20 ng/ml



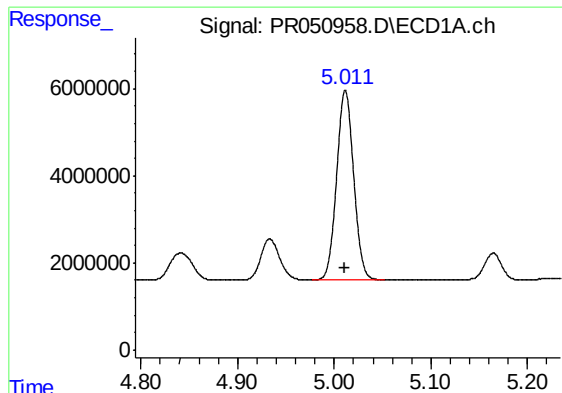
#10 AR-1221-3

R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: 53741816
Conc: 317.15 ng/ml



#10 AR-1221-3

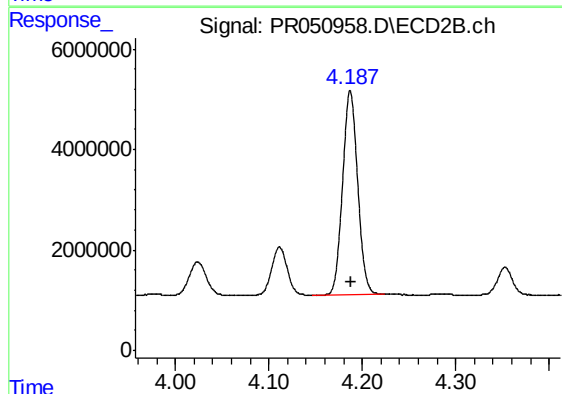
R.T.: 4.187 min
Delta R.T.: 0.000 min
Response: 45633185
Conc: 269.24 ng/ml



#11 AR-1232-1

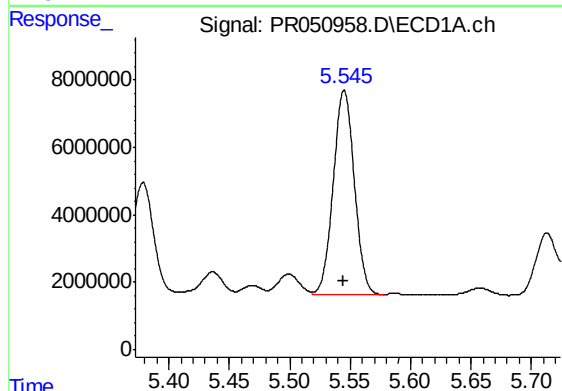
R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: 53741816
Conc: 386.75 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12423097



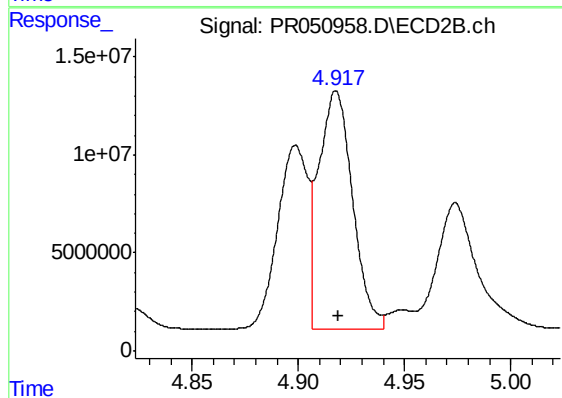
#11 AR-1232-1

R.T.: 4.187 min
Delta R.T.: 0.000 min
Response: 45633185
Conc: 331.44 ng/ml



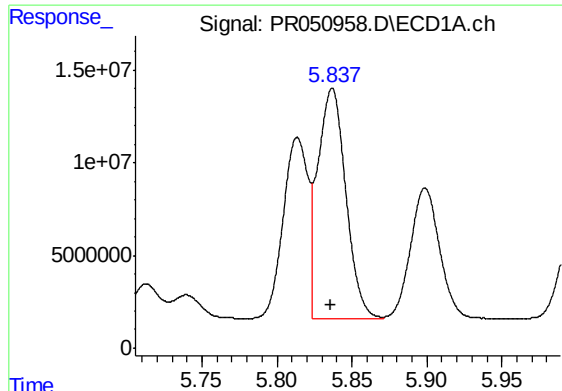
#12 AR-1232-2

R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 73308290
Conc: 950.45 ng/ml



#12 AR-1232-2

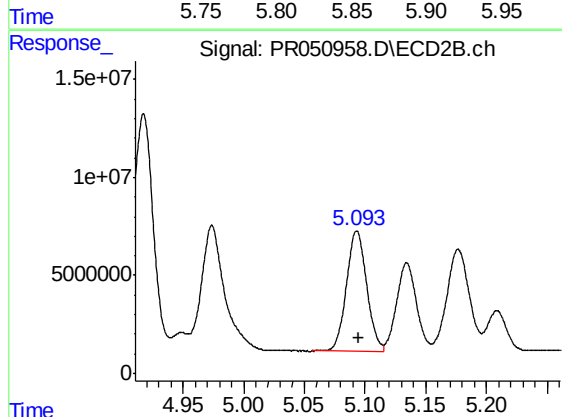
R.T.: 4.918 min
Delta R.T.: -0.001 min
Response: 134541326
Conc: 897.14 ng/ml



#13 AR-1232-3

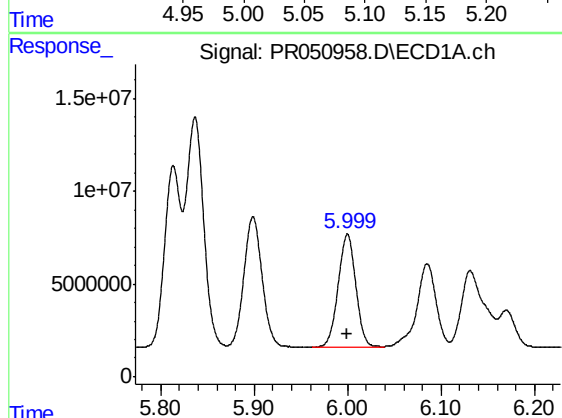
R.T.: 5.837 min
Delta R.T.: 0.000 min
Response: 161297619
Conc: 1026.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
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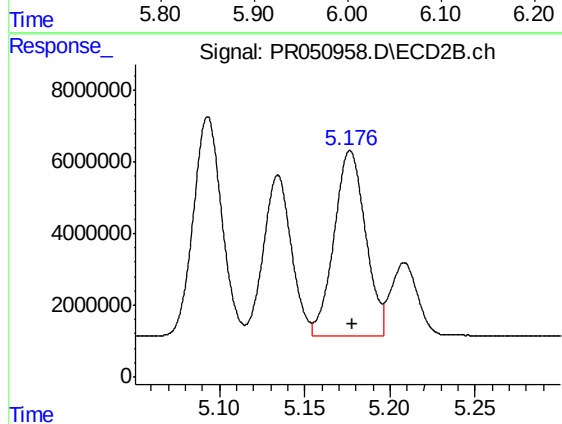
#13 AR-1232-3

R.T.: 5.093 min
Delta R.T.: -0.002 min
Response: 70902710
Conc: 906.61 ng/ml



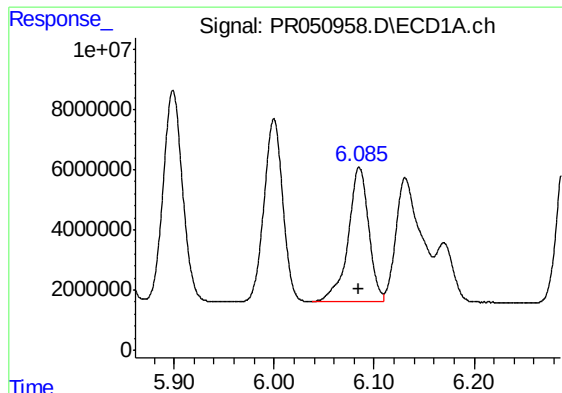
#14 AR-1232-4

R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 79640844
Conc: 1007.01 ng/ml



#14 AR-1232-4

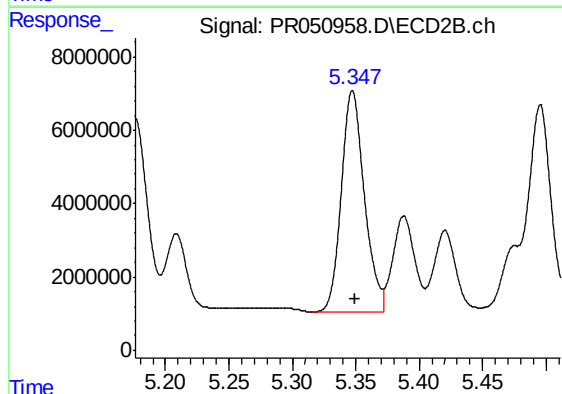
R.T.: 5.177 min
Delta R.T.: -0.001 min
Response: 66507241
Conc: 947.14 ng/ml



#15 AR-1232-5

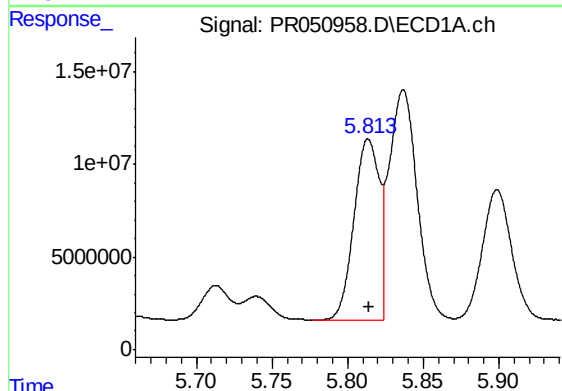
R.T.: 6.085 min
Delta R.T.: 0.000 min
Response: 64710577
Conc: 1066.75 ng/ml

Instrument :
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ClientSampleId :
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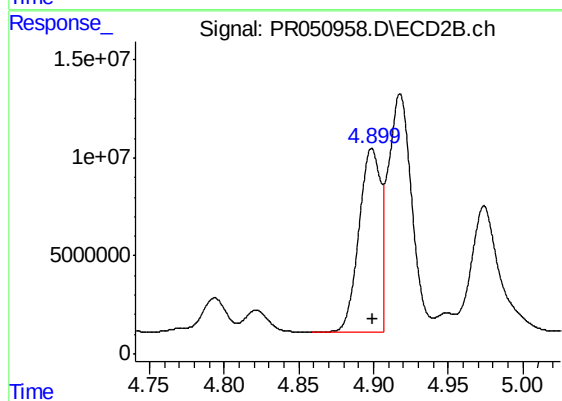
#15 AR-1232-5

R.T.: 5.347 min
Delta R.T.: -0.002 min
Response: 75805391
Conc: 965.16 ng/ml



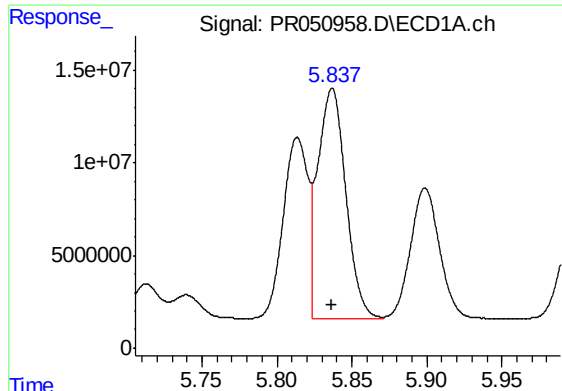
#16 AR-1242-1

R.T.: 5.814 min
Delta R.T.: 0.000 min
Response: 112621472
Conc: 465.39 ng/ml



#16 AR-1242-1

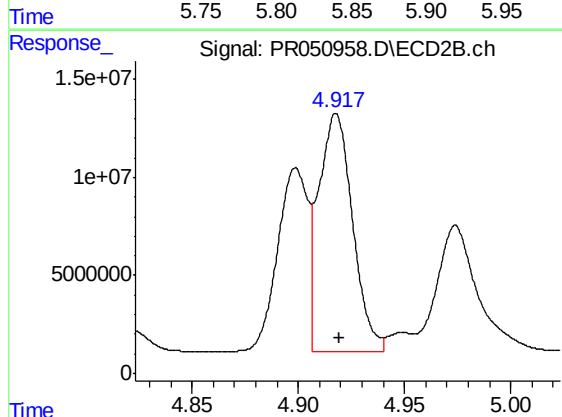
R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 92861671
Conc: 420.23 ng/ml



#17 AR-1242-2

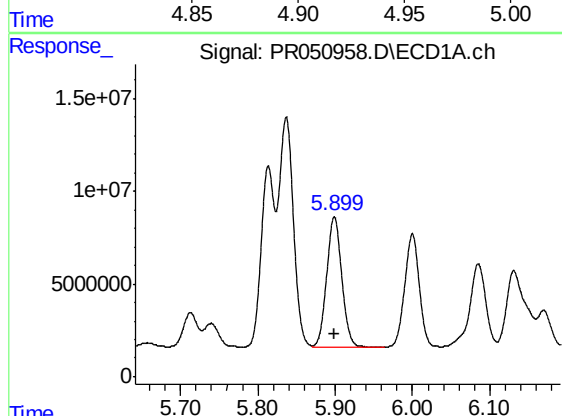
R.T.: 5.837 min
Delta R.T.: 0.000 min
Response: 161297619
Conc: 468.47 ng/ml

Instrument :
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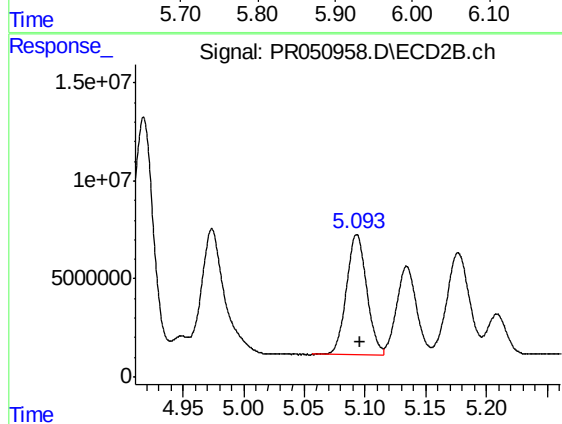
#17 AR-1242-2

R.T.: 4.918 min
Delta R.T.: -0.001 min
Response: 134541326
Conc: 410.72 ng/ml



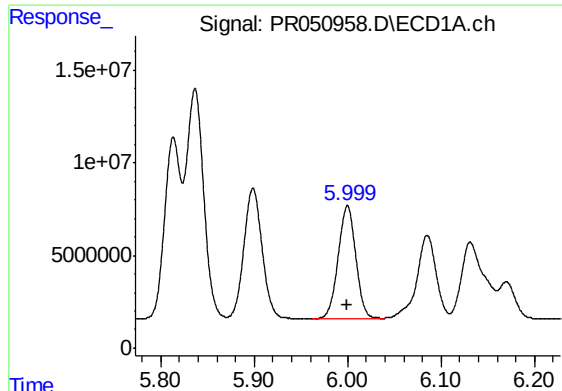
#18 AR-1242-3

R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 94926188
Conc: 458.67 ng/ml



#18 AR-1242-3

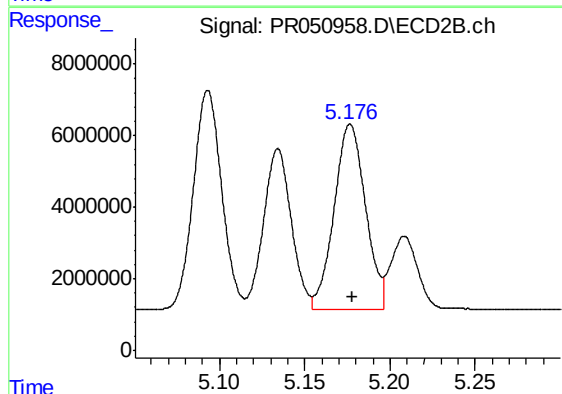
R.T.: 5.093 min
Delta R.T.: -0.002 min
Response: 70902710
Conc: 410.72 ng/ml



#19 AR-1242-4

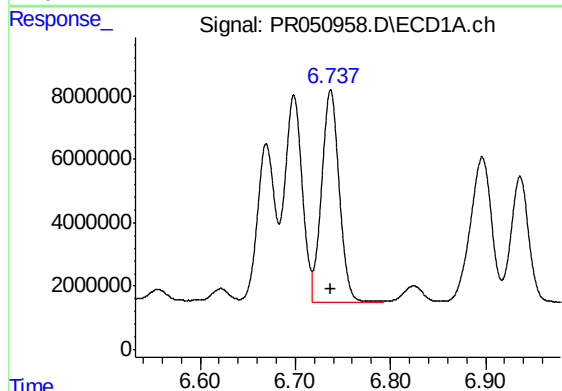
R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 79640844
Conc: 458.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12423097



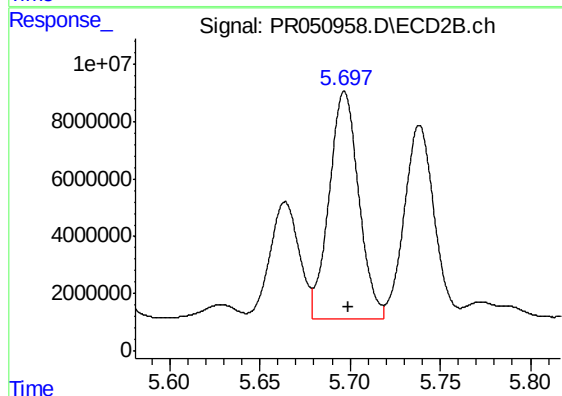
#19 AR-1242-4

R.T.: 5.177 min
Delta R.T.: -0.002 min
Response: 66507241
Conc: 394.44 ng/ml



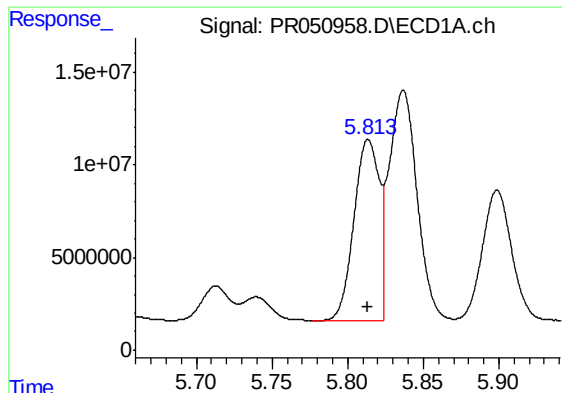
#20 AR-1242-5

R.T.: 6.737 min
Delta R.T.: 0.000 min
Response: 85593775
Conc: 429.14 ng/ml



#20 AR-1242-5

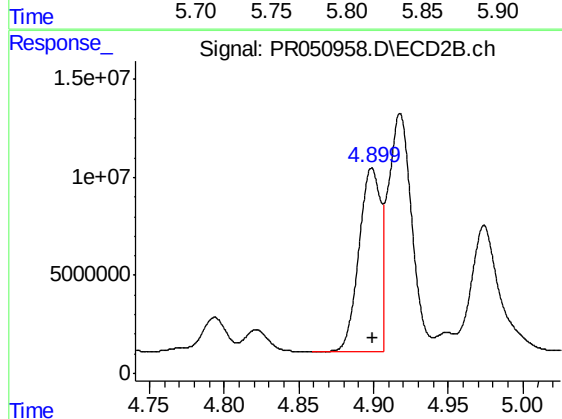
R.T.: 5.697 min
Delta R.T.: -0.002 min
Response: 91137332
Conc: 394.71 ng/ml



#21 AR-1248-1

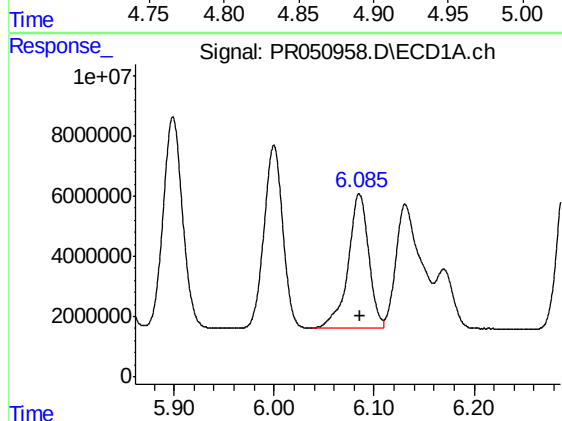
R.T.: 5.814 min
Delta R.T.: 0.000 min
Response: 112621472
Conc: 706.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12423097



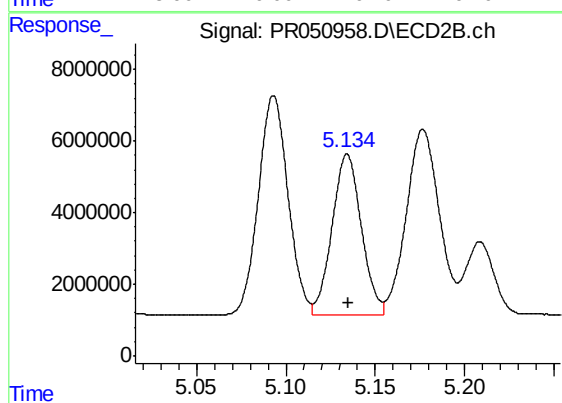
#21 AR-1248-1

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 92861671
Conc: 626.07 ng/ml



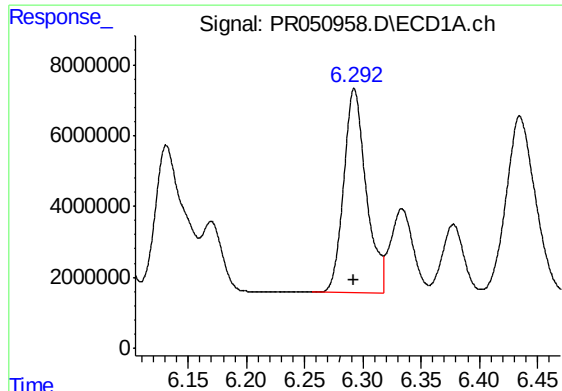
#22 AR-1248-2

R.T.: 6.085 min
Delta R.T.: 0.000 min
Response: 64710577
Conc: 279.70 ng/ml



#22 AR-1248-2

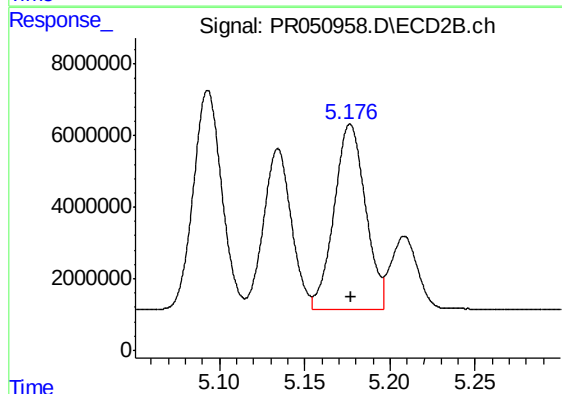
R.T.: 5.134 min
Delta R.T.: 0.000 min
Response: 51189281
Conc: 243.64 ng/ml



#23 AR-1248-3

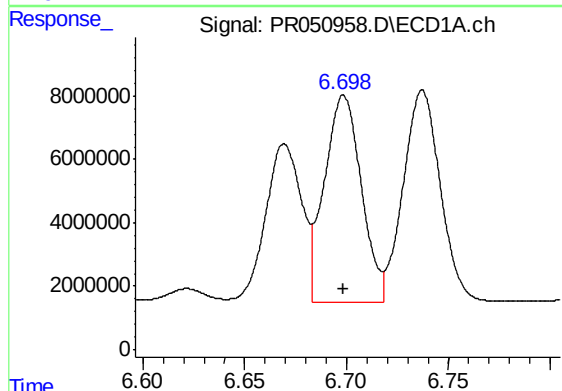
R.T.: 6.293 min
Delta R.T.: 0.000 min
Response: 76998522
Conc: 292.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12423097



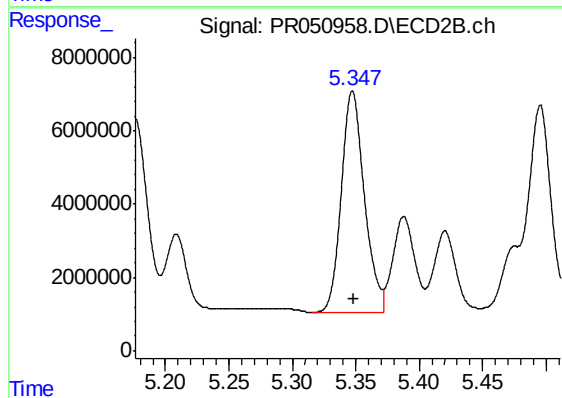
#23 AR-1248-3

R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 66507241
Conc: 298.18 ng/ml



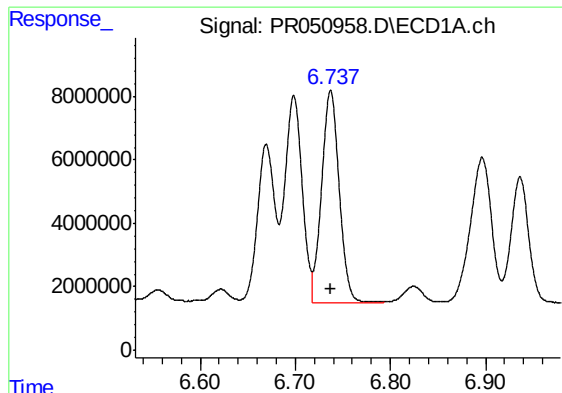
#24 AR-1248-4

R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 82206690
Conc: 257.65 ng/ml



#24 AR-1248-4

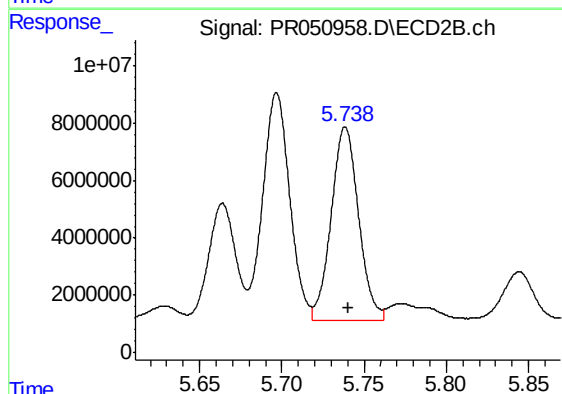
R.T.: 5.347 min
Delta R.T.: -0.001 min
Response: 75805391
Conc: 274.97 ng/ml



#25 AR-1248-5

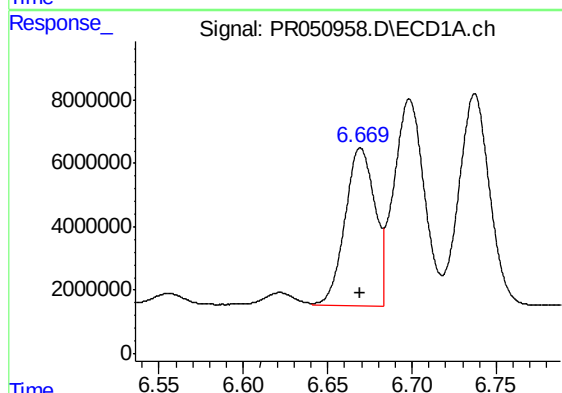
R.T.: 6.737 min
Delta R.T.: 0.000 min
Response: 85593775
Conc: 279.28 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12423097



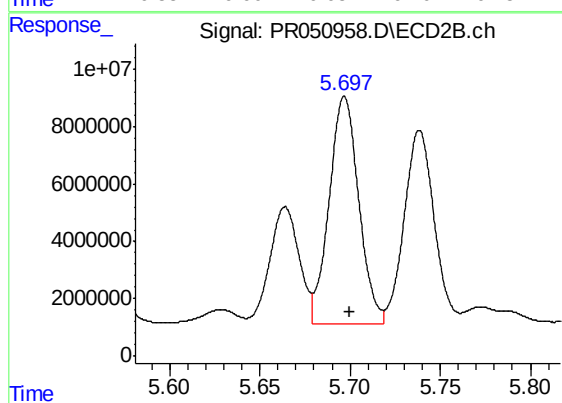
#25 AR-1248-5

R.T.: 5.739 min
Delta R.T.: -0.002 min
Response: 78491901
Conc: 267.21 ng/ml



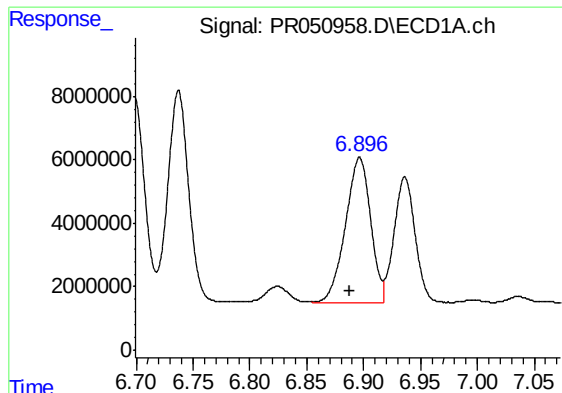
#26 AR-1254-1

R.T.: 6.669 min
Delta R.T.: 0.000 min
Response: 61459847
Conc: 141.47 ng/ml



#26 AR-1254-1

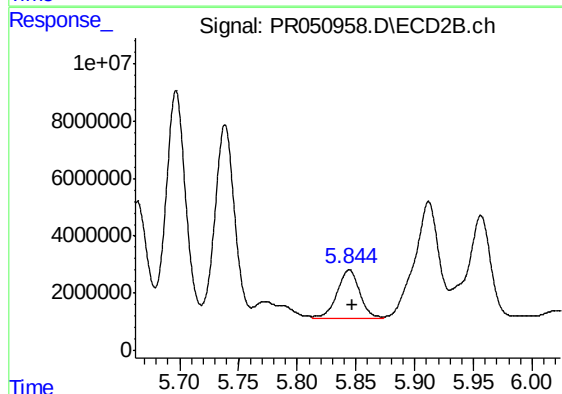
R.T.: 5.697 min
Delta R.T.: -0.003 min
Response: 91137332
Conc: 148.06 ng/ml



#27 AR-1254-2

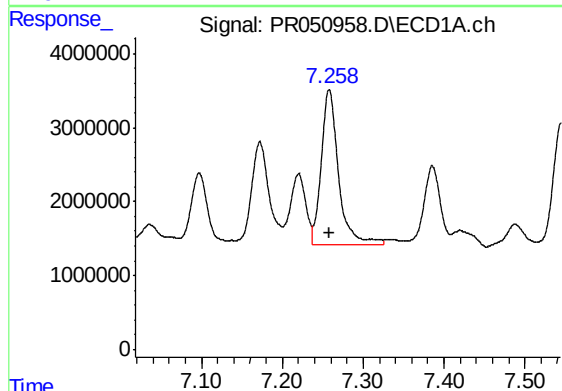
R.T.: 6.896 min
Delta R.T.: 0.009 min
Response: 71370751
Conc: 103.50 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12423097



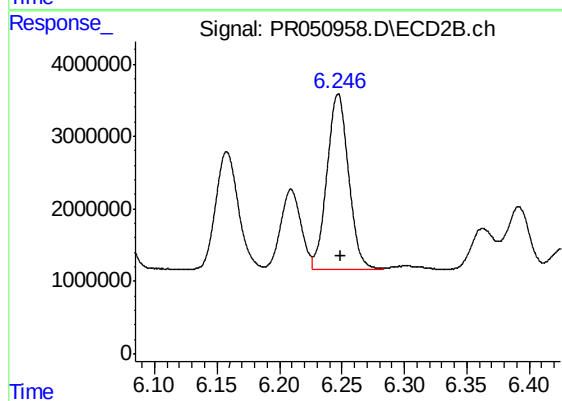
#27 AR-1254-2

R.T.: 5.844 min
Delta R.T.: -0.002 min
Response: 22479927
Conc: 41.78 ng/ml



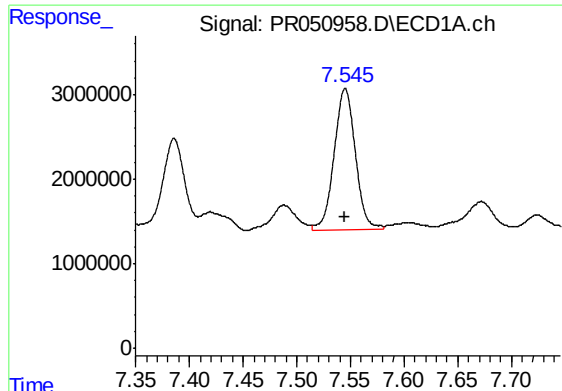
#28 AR-1254-3

R.T.: 7.258 min
Delta R.T.: 0.000 min
Response: 31317578
Conc: 40.97 ng/ml



#28 AR-1254-3

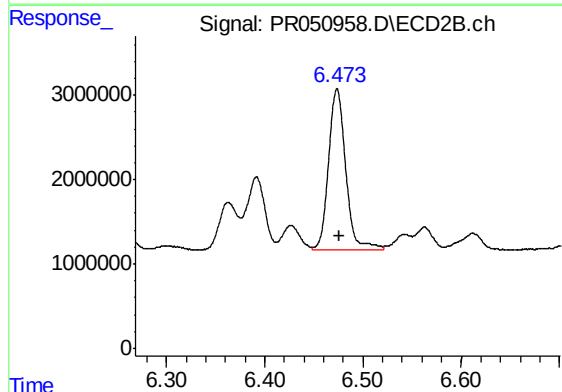
R.T.: 6.247 min
Delta R.T.: -0.003 min
Response: 29163084
Conc: 30.61 ng/ml



#29 AR-1254-4

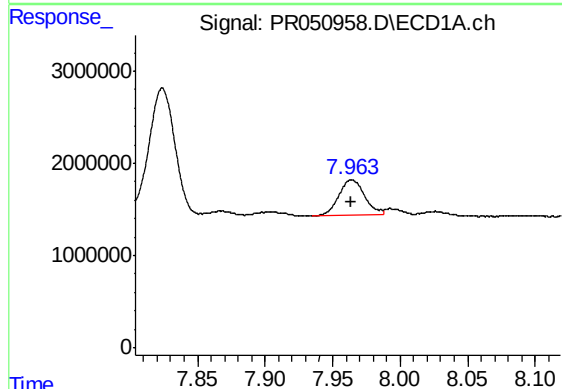
R.T.: 7.545 min
Delta R.T.: 0.000 min
Response: 23011554
Conc: 39.74 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12423097



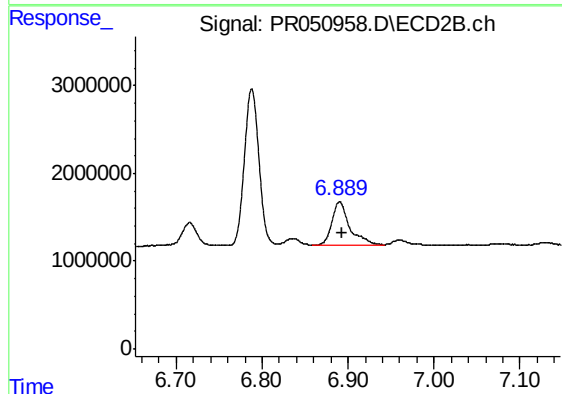
#29 AR-1254-4

R.T.: 6.474 min
Delta R.T.: -0.003 min
Response: 23154570
Conc: 38.93 ng/ml



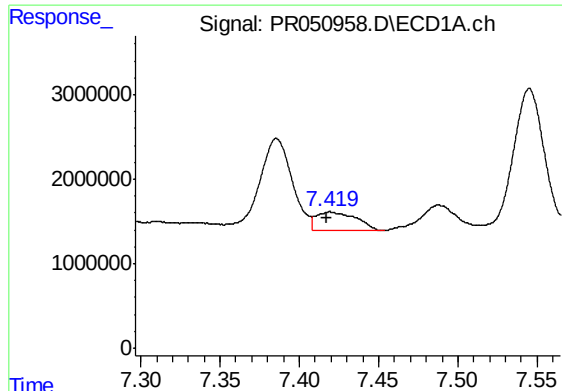
#30 AR-1254-5

R.T.: 7.964 min
Delta R.T.: 0.000 min
Response: 5224712
Conc: 8.29 ng/ml



#30 AR-1254-5

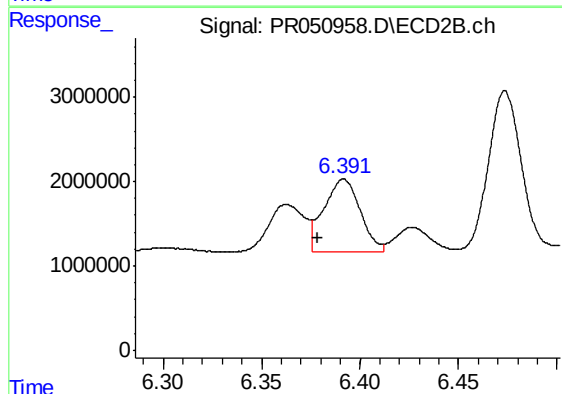
R.T.: 6.890 min
Delta R.T.: -0.003 min
Response: 7309870
Conc: 8.40 ng/ml



#31 AR-1260-1

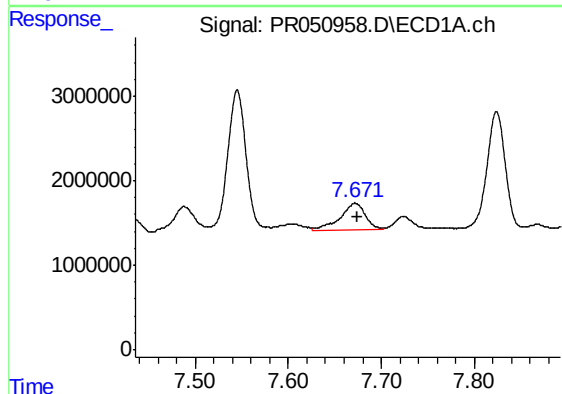
R.T.: 7.419 min
Delta R.T.: 0.002 min
Response: 3785000
Conc: 10.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12423097



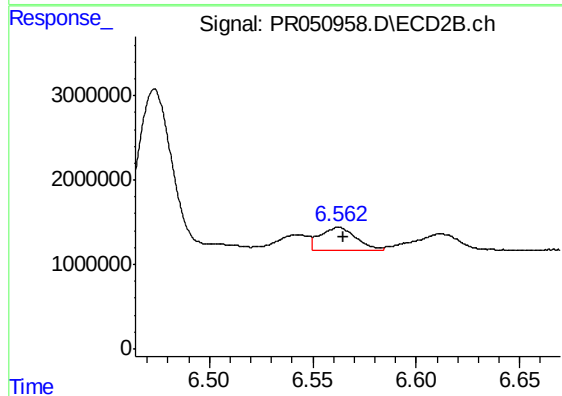
#31 AR-1260-1

R.T.: 6.392 min
Delta R.T.: 0.013 min
Response: 11071614
Conc: 27.52 ng/ml



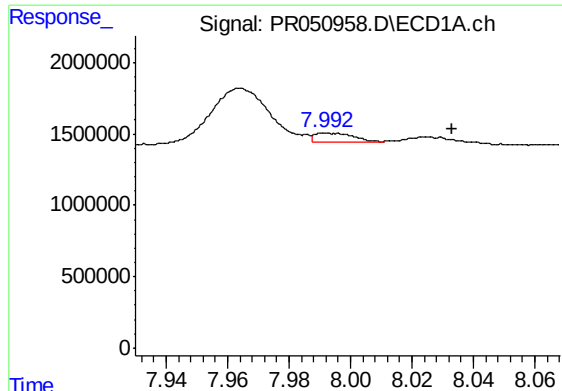
#32 AR-1260-2

R.T.: 7.672 min
Delta R.T.: -0.003 min
Response: 5908185
Conc: 13.67 ng/ml



#32 AR-1260-2

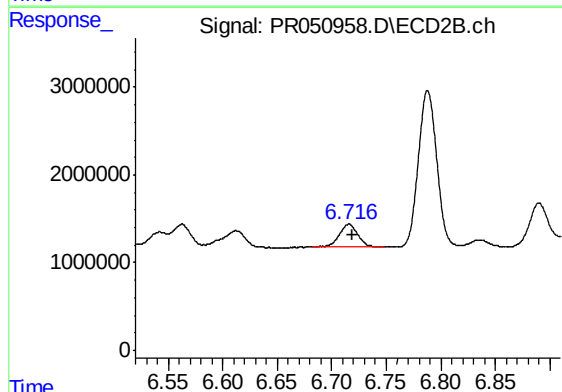
R.T.: 6.563 min
Delta R.T.: -0.002 min
Response: 3236549
Conc: 6.63 ng/ml



#33 AR-1260-3

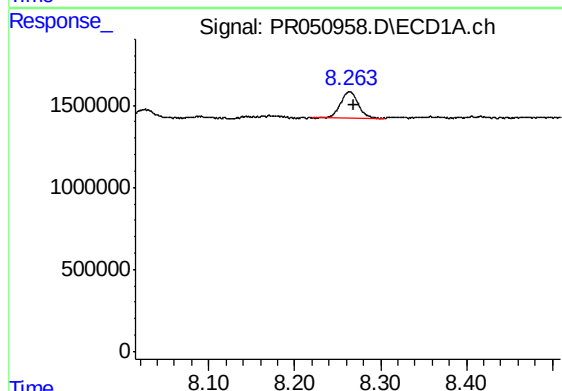
R.T.: 7.992 min
Delta R.T.: -0.041 min
Response: 552024
Conc: 1.71 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12423097



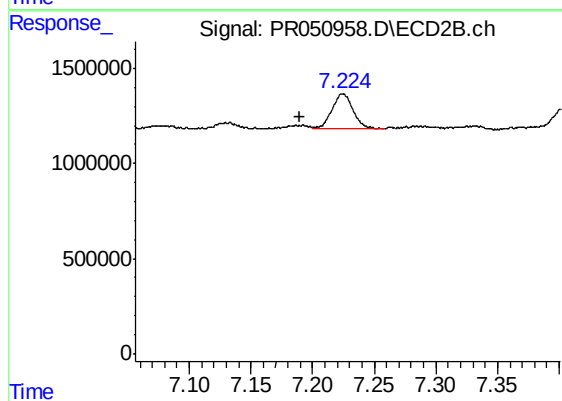
#33 AR-1260-3

R.T.: 6.716 min
Delta R.T.: -0.003 min
Response: 3106250
Conc: 6.65 ng/ml



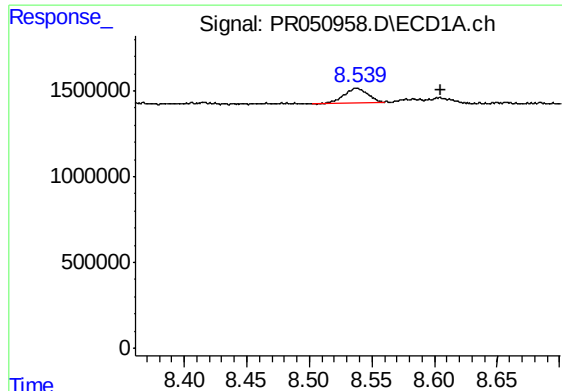
#34 AR-1260-4

R.T.: 8.264 min
Delta R.T.: -0.005 min
Response: 2354139
Conc: 6.13 ng/ml



#34 AR-1260-4

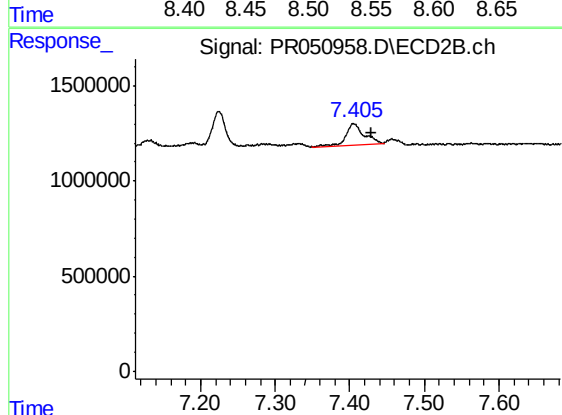
R.T.: 7.224 min
Delta R.T.: 0.035 min
Response: 2186882
Conc: 5.48 ng/ml



#35 AR-1260-5

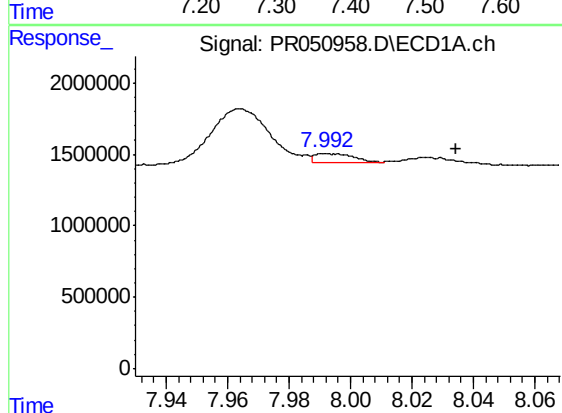
R.T.: 8.538 min
Delta R.T.: -0.067 min
Response: 1125583
Conc: 1.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12423097



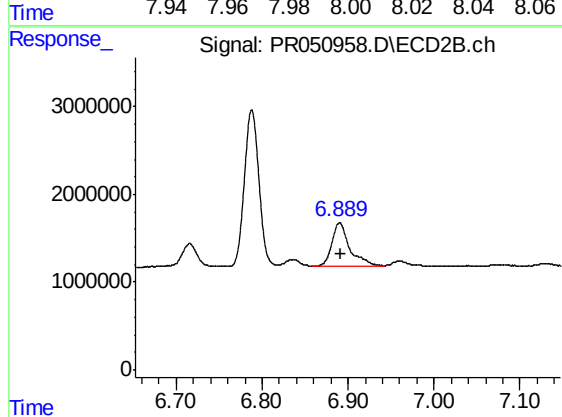
#35 AR-1260-5

R.T.: 7.405 min
Delta R.T.: -0.024 min
Response: 1957373
Conc: 2.01 ng/ml



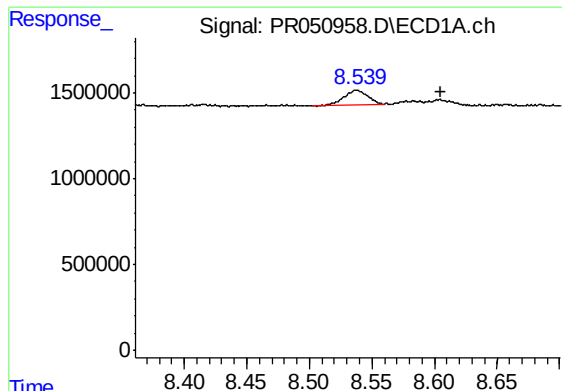
#36 AR-1262-1

R.T.: 7.992 min
Delta R.T.: -0.042 min
Response: 552024
Conc: 0.96 ng/ml



#36 AR-1262-1

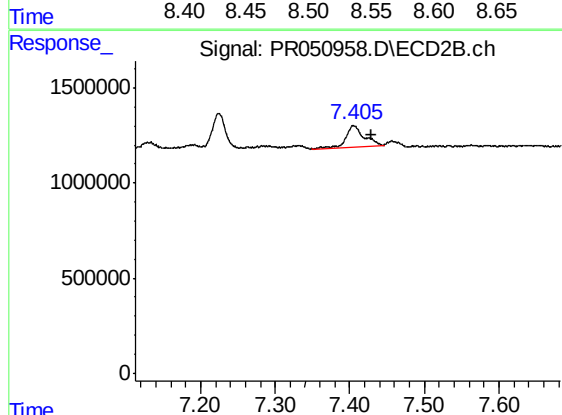
R.T.: 6.890 min
Delta R.T.: -0.001 min
Response: 7309870
Conc: 20.60 ng/ml



#37 AR-1262-2

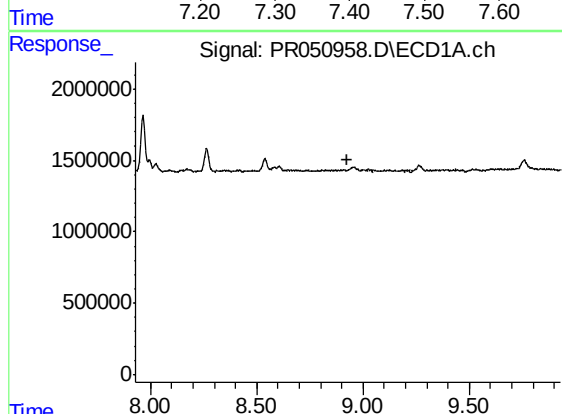
R.T.: 8.538 min
Delta R.T.: -0.067 min
Response: 1125583
Conc: 1.03 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12423097



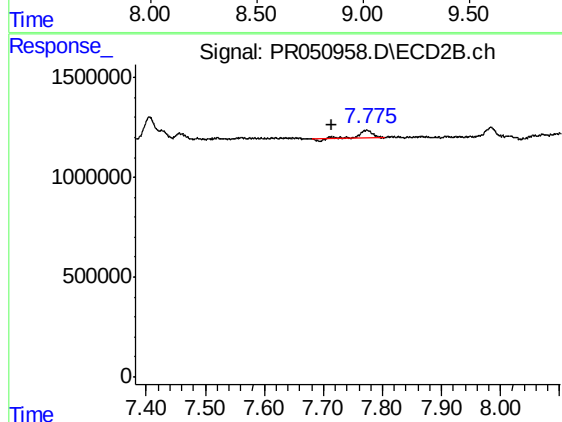
#37 AR-1262-2

R.T.: 7.405 min
Delta R.T.: -0.024 min
Response: 1957373
Conc: 1.48 ng/ml



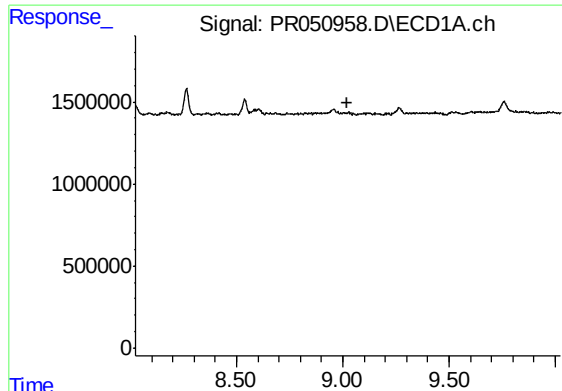
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.929 min
Response: 0
Conc: N.D.



#38 AR-1262-3

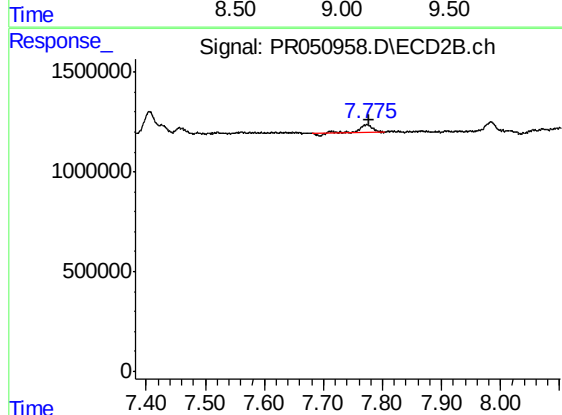
R.T.: 7.774 min
Delta R.T.: 0.061 min
Response: 697832
Conc: 1.41 ng/ml



#39 AR-1262-4

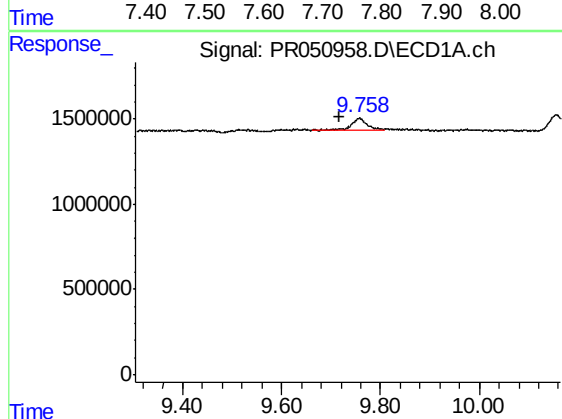
R.T.: 0.000 min
Exp R.T. : 9.024 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR12423097



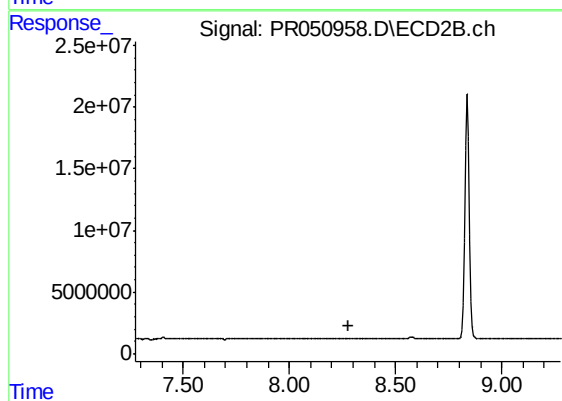
#39 AR-1262-4

R.T.: 7.774 min
Delta R.T.: -0.003 min
Response: 697832
Conc: 0.72 ng/ml



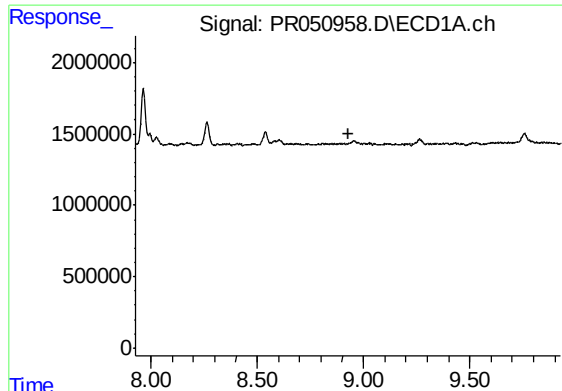
#40 AR-1262-5

R.T.: 9.758 min
Delta R.T.: 0.039 min
Response: 1474788
Conc: 3.70 ng/ml



#40 AR-1262-5

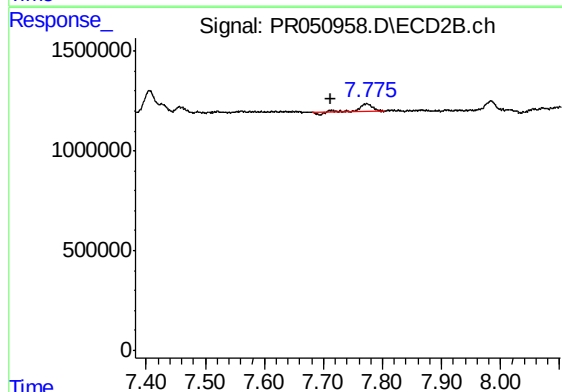
R.T.: 0.000 min
Exp R.T. : 8.276 min
Response: 0
Conc: N.D.



#41 AR-1268-1

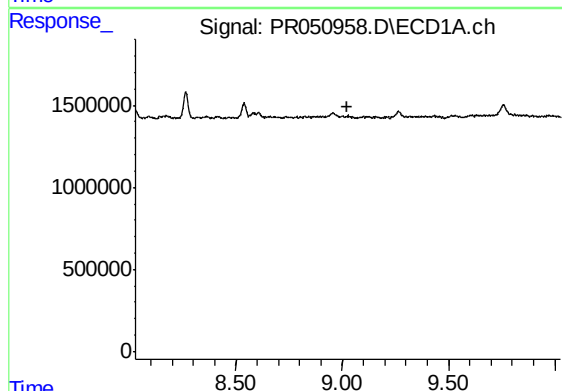
R.T.: 0.000 min
Exp R.T. : 8.927 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR12423097



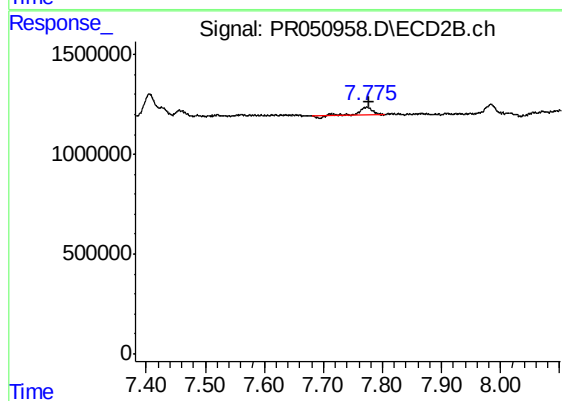
#41 AR-1268-1

R.T.: 7.774 min
Delta R.T.: 0.061 min
Response: 697832
Conc: 0.42 ng/ml



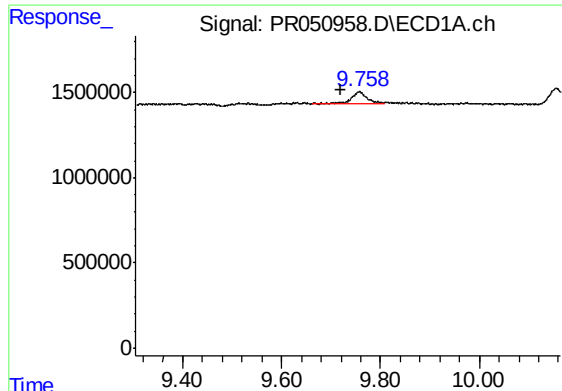
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.027 min
Response: 0
Conc: N.D.



#42 AR-1268-2

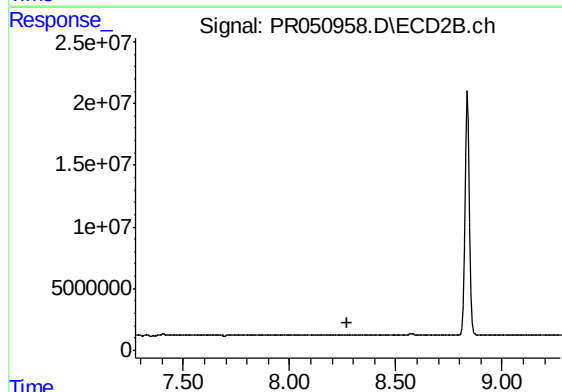
R.T.: 7.774 min
Delta R.T.: -0.003 min
Response: 697832
Conc: 0.45 ng/ml



#44 AR-1268-4

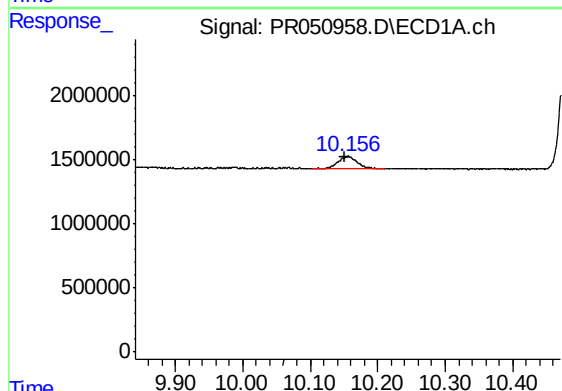
R.T.: 9.758 min
Delta R.T.: 0.039 min
Response: 1474788
Conc: 2.98 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12423097



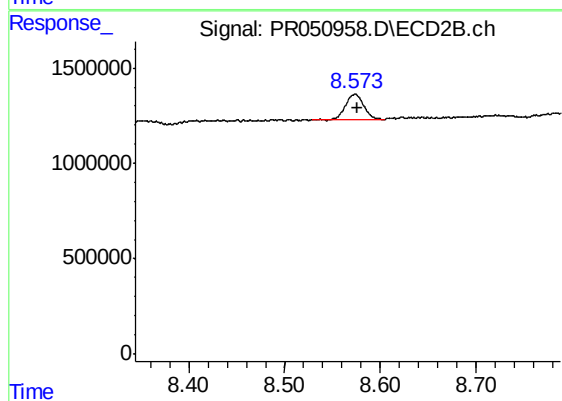
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.275 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.156 min
Delta R.T.: 0.005 min
Response: 1837169
Conc: 0.47 ng/ml



#45 AR-1268-5

R.T.: 8.573 min
Delta R.T.: -0.003 min
Response: 1792424
Conc: 0.43 ng/ml