

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR052121\
 Data File : PR050469.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 May 2021 13:29
 Operator : DD\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR12423078

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 22 02:38:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR050721CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat May 08 06:36:02 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...	4.634	3.814	77074208	106.0E6	22.799	21.749
2)	SA Decachlor...	10.504	8.840	207.2E6	233.3E6	37.934	35.270
Target Compounds							
3)	L1 AR-1016-1	5.816	4.900	74889402	75490781	408.636	372.397
4)	L1 AR-1016-2	5.839	4.920	108.1E6	108.2E6	414.602	372.413
5)	L1 AR-1016-3	5.900	5.096	65218198	57629288	411.018	371.760
6)	L1 AR-1016-4	6.001	5.136	54523520	41949219	407.998	352.309
7)	L1 AR-1016-5	6.294	5.350	55941451	61572870	403.553	376.445
8)	L2 AR-1221-1	4.843	4.025	5586269	7042746	124.813	119.855
9)	L2 AR-1221-2	4.935	4.113	7342281	9143881	224.642	217.558
10)	L2 AR-1221-3	5.013	4.189	31502033	38021888	284.935	263.923
11)	L3 AR-1232-1	5.013	4.189	31502033	38021888	337.843	315.480
12)	L3 AR-1232-2	5.547	4.920	49874077	108.2E6	889.458	827.676
13)	L3 AR-1232-3	5.839	5.096	108.1E6	57629288	897.391	831.626
14)	L3 AR-1232-4	6.001	5.179	54523520	54536507	889.324	898.407
15)	L3 AR-1232-5	6.087	5.350	46713684	61572870	976.179	899.842
16)	L4 AR-1242-1	5.816	4.900	74889402	75490781	429.588	406.354
17)	L4 AR-1242-2	5.839	4.920	108.1E6	108.2E6	437.739	402.371
18)	L4 AR-1242-3	5.900	5.096	65218198	57629288	429.528	398.025
19)	L4 AR-1242-4	6.001	5.179	54523520	54536507	423.921	392.774
20)	L4 AR-1242-5	6.739	5.700	62444194	75184543	389.877	379.947
21)	L5 AR-1248-1	5.816	4.900	74889402	75490781	615.020	579.381
22)	L5 AR-1248-2	6.087	5.136	46713684	41949219	255.139	233.754
23)	L5 AR-1248-3	6.294	5.179	55941451	54536507	264.025	284.289
24)	L5 AR-1248-4	6.700	5.350	60427694	61572870	228.584	259.323
25)	L5 AR-1248-5	6.739	5.741	62444194	64892147	244.488	247.424
26)	L6 AR-1254-1	6.671	5.700	46003404	75184543	124.074	135.738
27)	L6 AR-1254-2	6.899	5.846	53834197	18460343	90.681	37.843 #
28)	L6 AR-1254-3	7.259	6.250	21295646	24324863	31.837	27.840
29)	L6 AR-1254-4	7.546	6.476	17057664	19759781	33.643	35.375
30)	L6 AR-1254-5	7.965	6.894	4337282	6437328	7.938	7.941
31)	L7 AR-1260-1	7.420	6.394	2276961	9120883	8.632	27.416 #
32)	L7 AR-1260-2	7.672	6.565	4151594	3674110	12.876	8.876 #
33)	L7 AR-1260-3	7.997f	6.719	480538	2702576	1.952	6.835 #
34)	L7 AR-1260-4	8.265	7.227	2231113	1933649	7.619	5.596 #
35)	L7 AR-1260-5	8.538f	7.427	702478	687556	1.163	0.793 #
36)	L8 AR-1262-1	7.997f	6.894	480538	6437328	0.973	19.577 #
37)	L8 AR-1262-2	8.538f	7.427	702478	687556	0.768	0.563 #
38)	L8 AR-1262-3	0.000	7.774f	0	3869529	N.D.	8.615 #
39)	L8 AR-1262-4	0.000	7.774	0	3869529	N.D.	4.334 #
40)	L8 AR-1262-5	9.756f	0.000	2040549	0	6.317	N.D. #
41)	L9 AR-1268-1	0.000	7.774f	0	3869529	N.D.	2.686 #
42)	L9 AR-1268-2	0.000	7.774	0	3869529	N.D.	2.891 #

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 Integration File signal 2: autoint2.e
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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	9.756f	0.000	2040549	0	5.372	N.D.	#
45) L9	AR-1268-5	10.156	8.577	1282861	1550072	0.434	0.426	

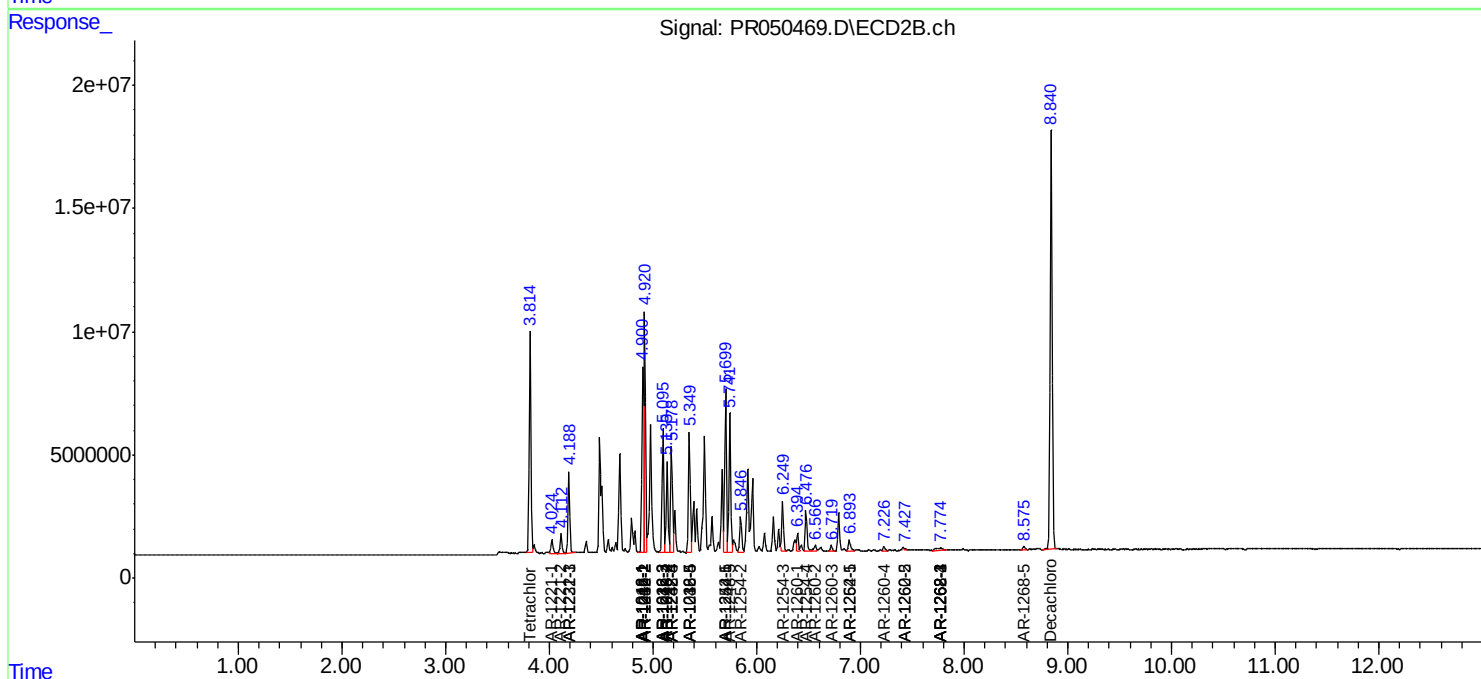
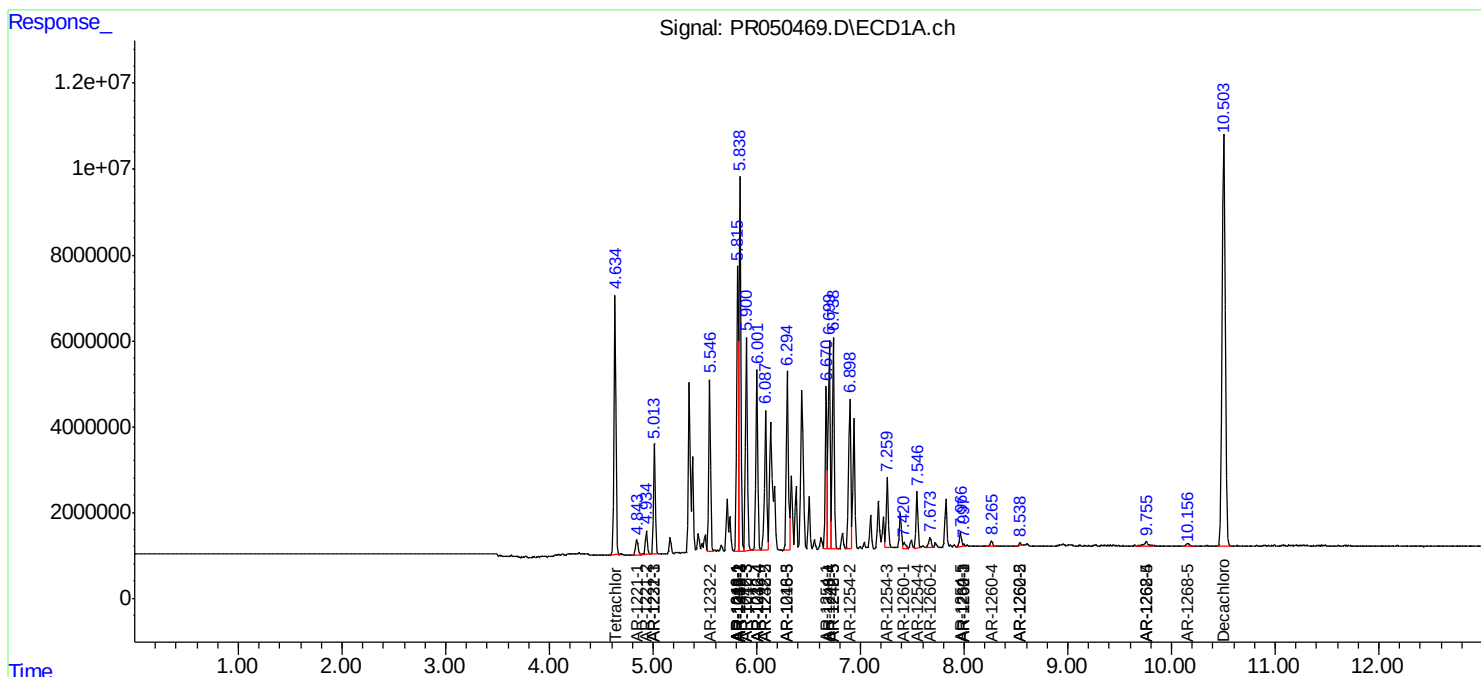
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

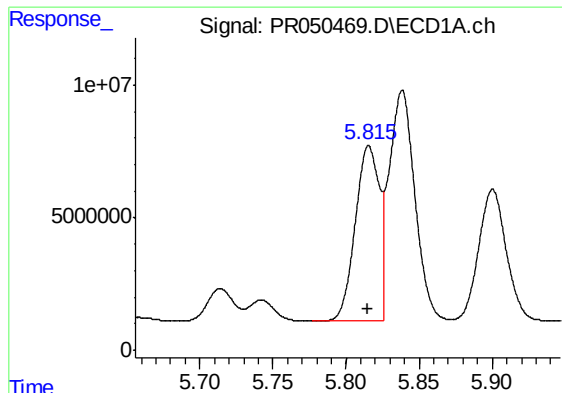
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

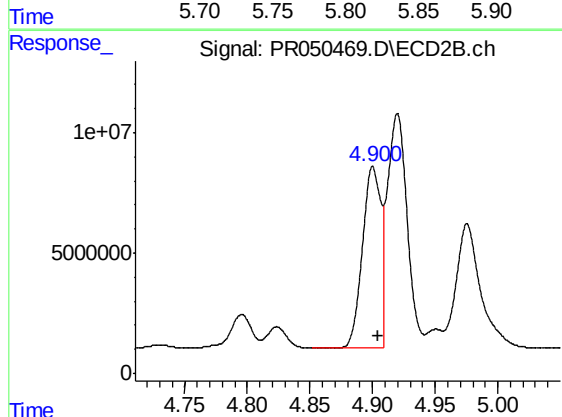




#3 AR-1016-1

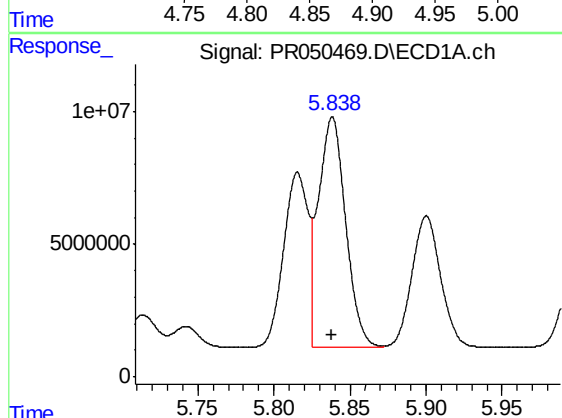
R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 74889402
Conc: 408.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12423078



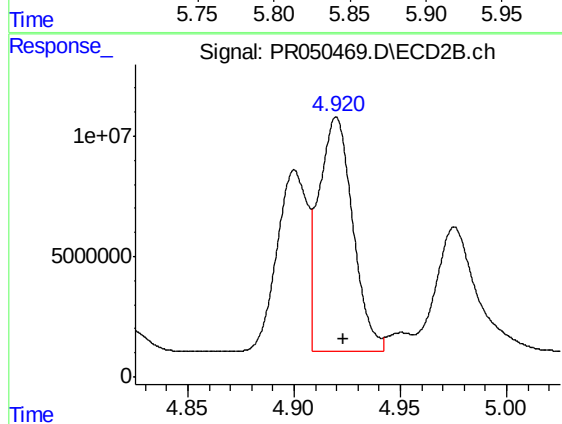
#3 AR-1016-1

R.T.: 4.900 min
Delta R.T.: -0.004 min
Response: 75490781
Conc: 372.40 ng/ml



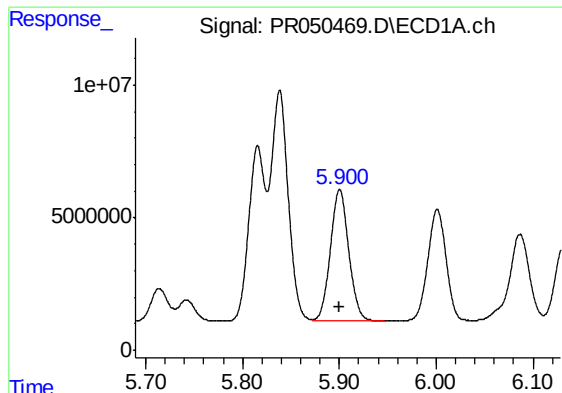
#4 AR-1016-2

R.T.: 5.839 min
Delta R.T.: 0.000 min
Response: 108075484
Conc: 414.60 ng/ml



#4 AR-1016-2

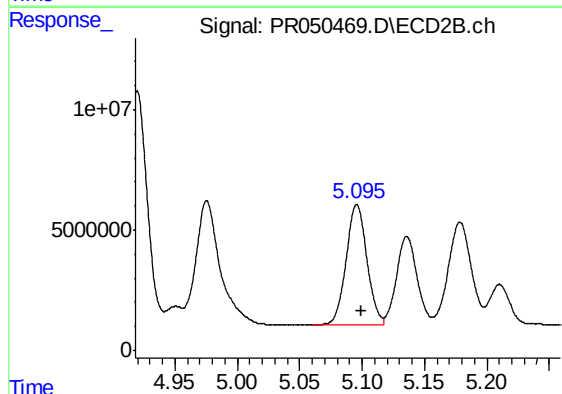
R.T.: 4.920 min
Delta R.T.: -0.003 min
Response: 108227296
Conc: 372.41 ng/ml



#5 AR-1016-3

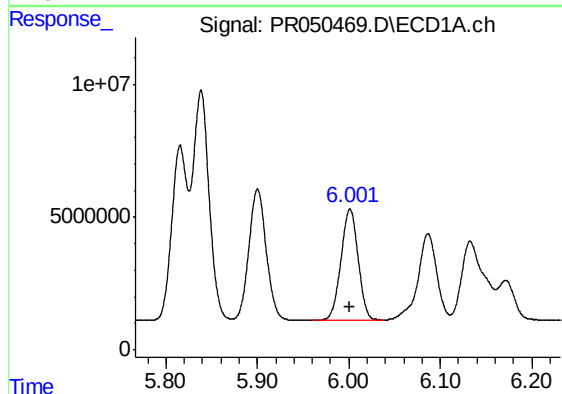
R.T.: 5.900 min
Delta R.T.: 0.000 min
Response: 65218198
Conc: 411.02 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12423078



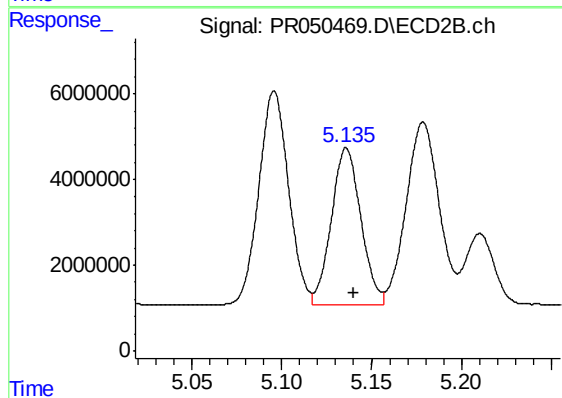
#5 AR-1016-3

R.T.: 5.096 min
Delta R.T.: -0.003 min
Response: 57629288
Conc: 371.76 ng/ml



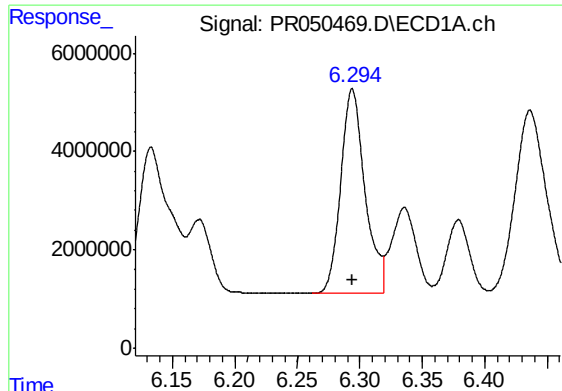
#6 AR-1016-4

R.T.: 6.001 min
Delta R.T.: 0.000 min
Response: 54523520
Conc: 408.00 ng/ml



#6 AR-1016-4

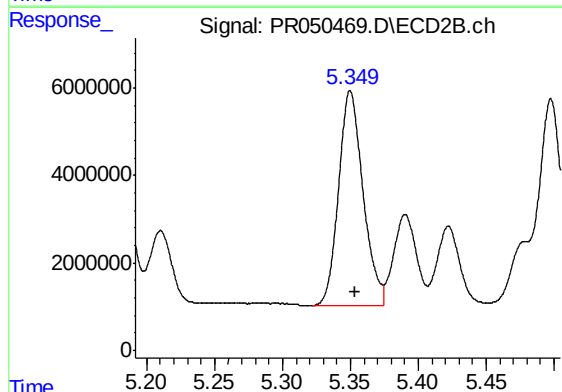
R.T.: 5.136 min
Delta R.T.: -0.004 min
Response: 41949219
Conc: 352.31 ng/ml



#7 AR-1016-5

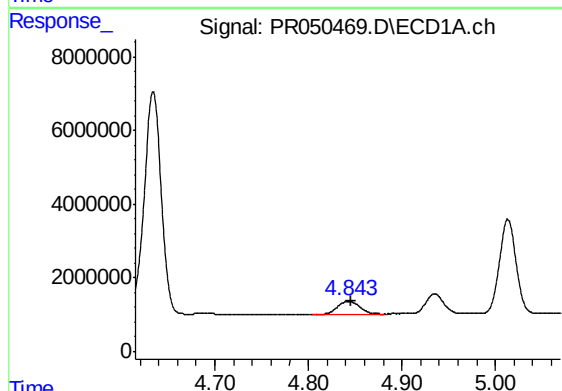
R.T.: 6.294 min
Delta R.T.: 0.000 min
Response: 55941451
Conc: 403.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12423078



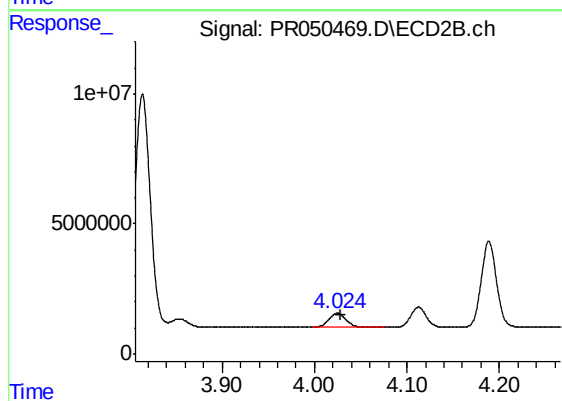
#7 AR-1016-5

R.T.: 5.350 min
Delta R.T.: -0.004 min
Response: 61572870
Conc: 376.45 ng/ml



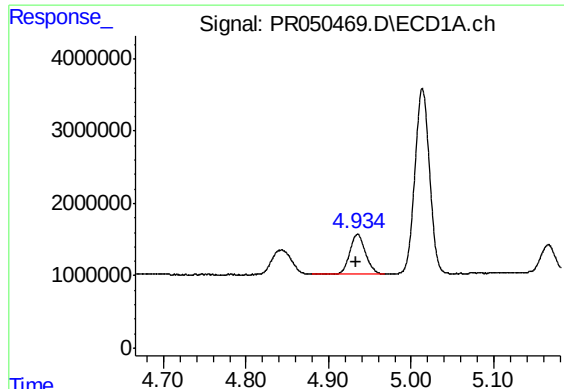
#8 AR-1221-1

R.T.: 4.843 min
Delta R.T.: -0.003 min
Response: 5586269
Conc: 124.81 ng/ml



#8 AR-1221-1

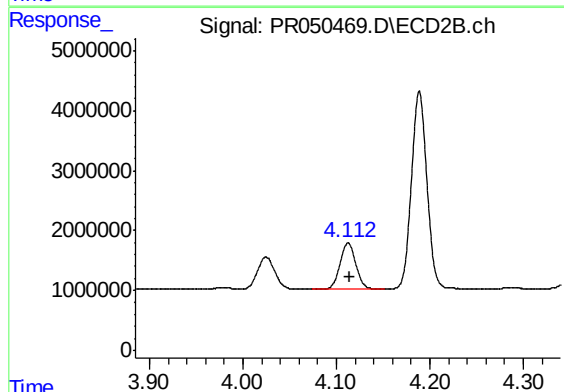
R.T.: 4.025 min
Delta R.T.: -0.004 min
Response: 7042746
Conc: 119.86 ng/ml



#9 AR-1221-2

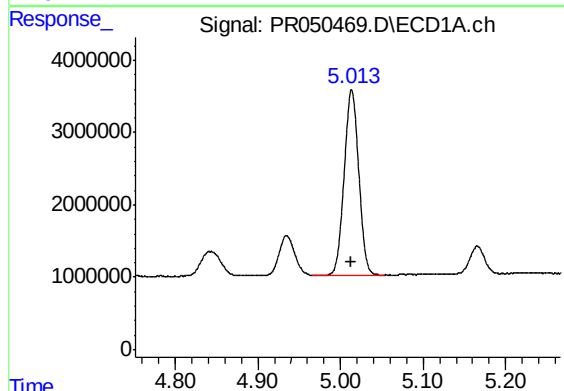
R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 7342281
Conc: 224.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12423078



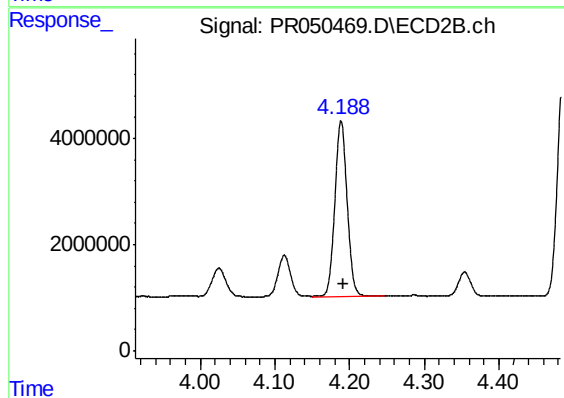
#9 AR-1221-2

R.T.: 4.113 min
Delta R.T.: -0.002 min
Response: 9143881
Conc: 217.56 ng/ml



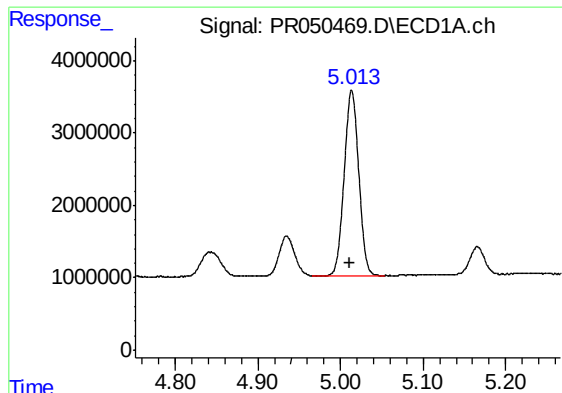
#10 AR-1221-3

R.T.: 5.013 min
Delta R.T.: 0.001 min
Response: 31502033
Conc: 284.93 ng/ml



#10 AR-1221-3

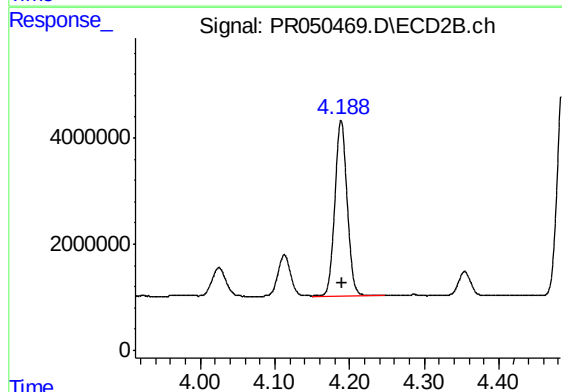
R.T.: 4.189 min
Delta R.T.: -0.003 min
Response: 38021888
Conc: 263.92 ng/ml



#11 AR-1232-1

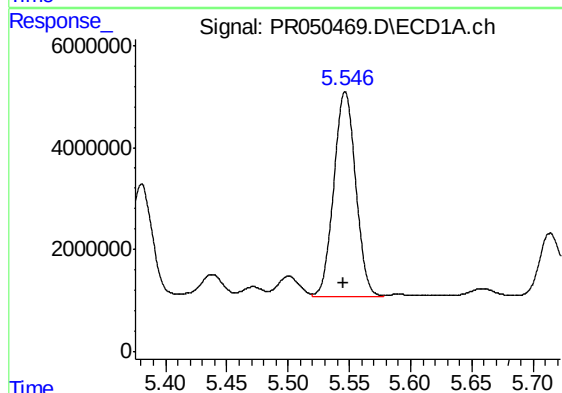
R.T.: 5.013 min
Delta R.T.: 0.002 min
Response: 31502033
Conc: 337.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12423078



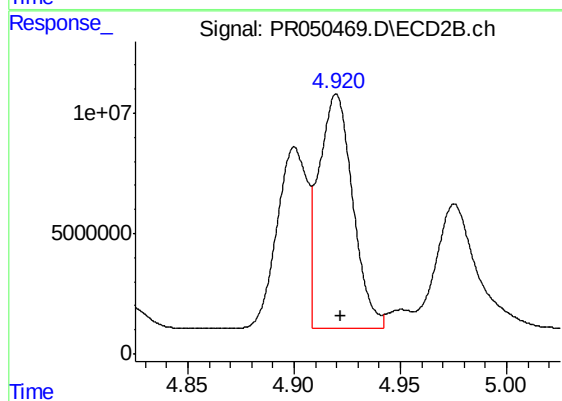
#11 AR-1232-1

R.T.: 4.189 min
Delta R.T.: -0.001 min
Response: 38021888
Conc: 315.48 ng/ml



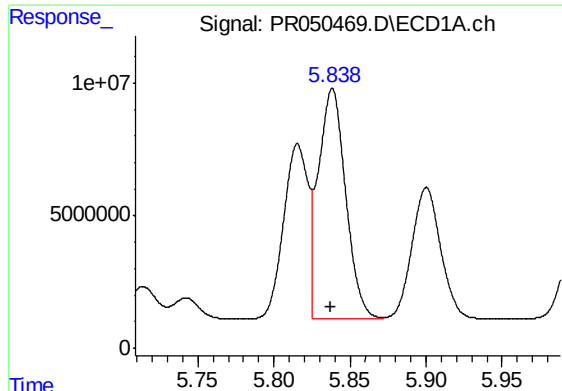
#12 AR-1232-2

R.T.: 5.547 min
Delta R.T.: 0.001 min
Response: 49874077
Conc: 889.46 ng/ml



#12 AR-1232-2

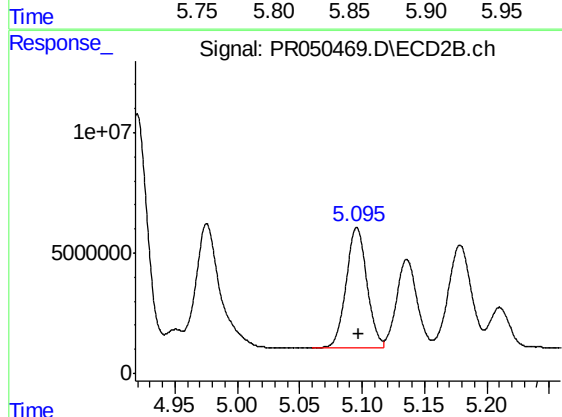
R.T.: 4.920 min
Delta R.T.: -0.002 min
Response: 108227296
Conc: 827.68 ng/ml



#13 AR-1232-3

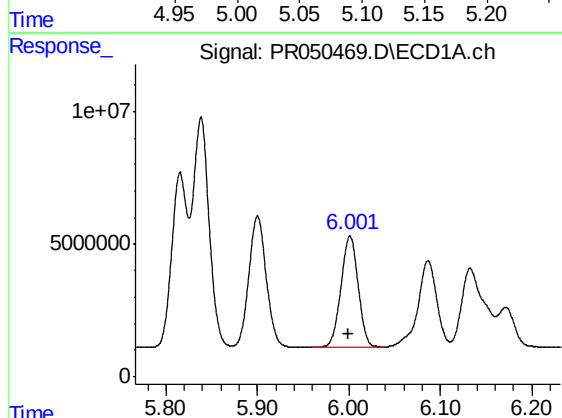
R.T.: 5.839 min
Delta R.T.: 0.001 min
Response: 108075484
Conc: 897.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12423078



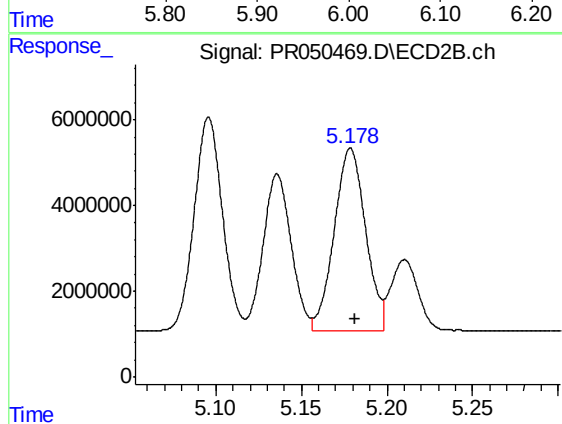
#13 AR-1232-3

R.T.: 5.096 min
Delta R.T.: -0.001 min
Response: 57629288
Conc: 831.63 ng/ml



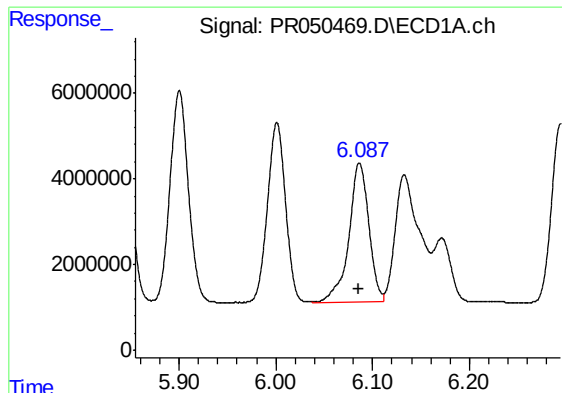
#14 AR-1232-4

R.T.: 6.001 min
Delta R.T.: 0.001 min
Response: 54523520
Conc: 889.32 ng/ml



#14 AR-1232-4

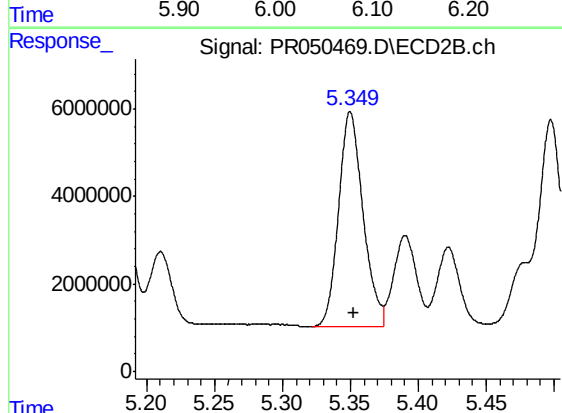
R.T.: 5.179 min
Delta R.T.: -0.003 min
Response: 54536507
Conc: 898.41 ng/ml



#15 AR-1232-5

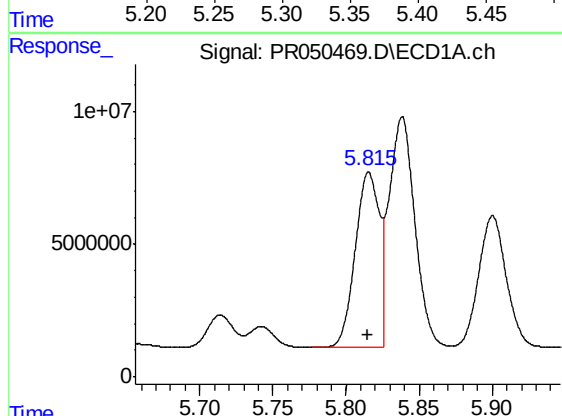
R.T.: 6.087 min
Delta R.T.: 0.000 min
Response: 46713684
Conc: 976.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
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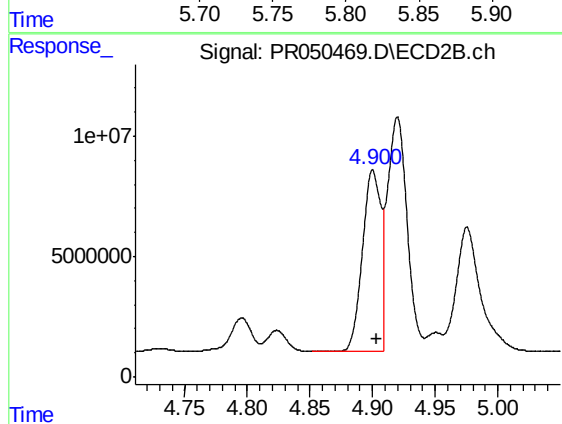
#15 AR-1232-5

R.T.: 5.350 min
Delta R.T.: -0.002 min
Response: 61572870
Conc: 899.84 ng/ml



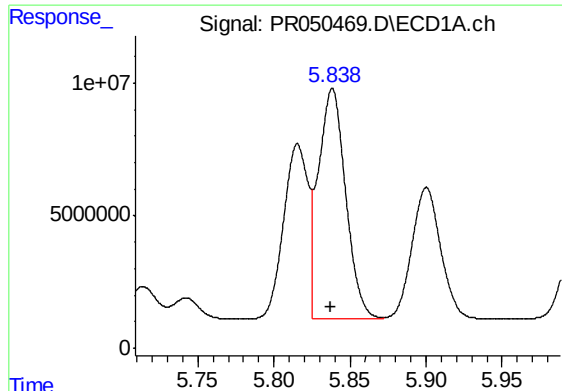
#16 AR-1242-1

R.T.: 5.816 min
Delta R.T.: 0.001 min
Response: 74889402
Conc: 429.59 ng/ml



#16 AR-1242-1

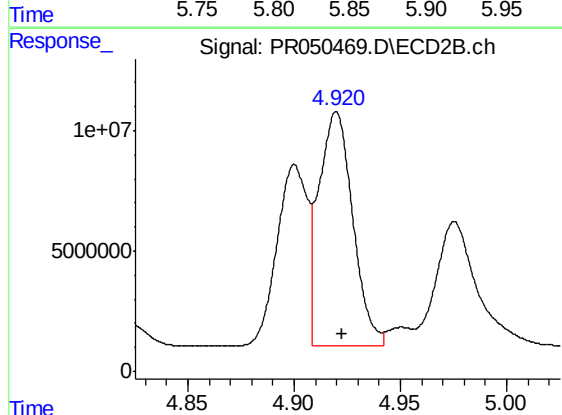
R.T.: 4.900 min
Delta R.T.: -0.003 min
Response: 75490781
Conc: 406.35 ng/ml



#17 AR-1242-2

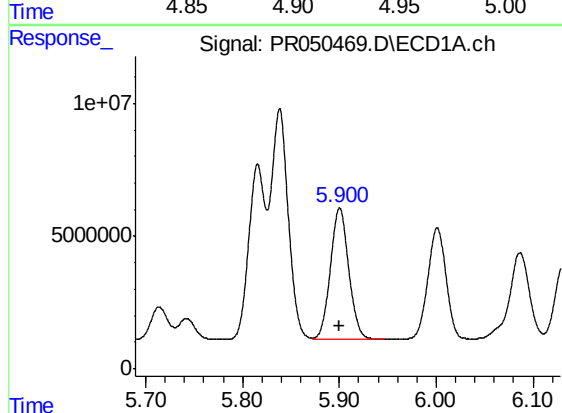
R.T.: 5.839 min
Delta R.T.: 0.001 min
Response: 108075484
Conc: 437.74 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12423078



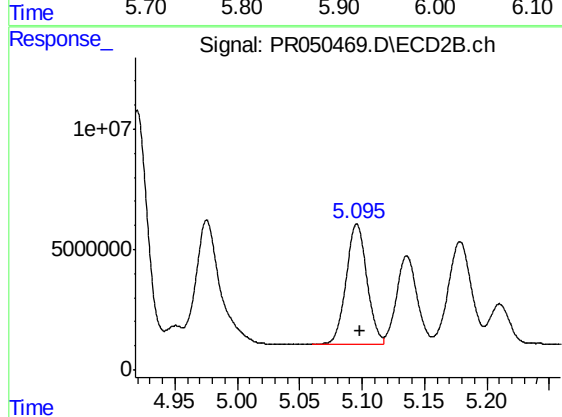
#17 AR-1242-2

R.T.: 4.920 min
Delta R.T.: -0.003 min
Response: 108227296
Conc: 402.37 ng/ml



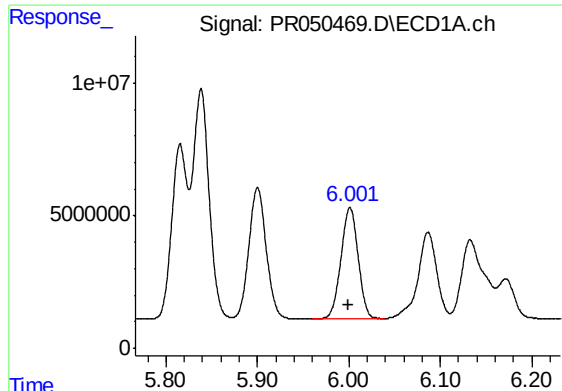
#18 AR-1242-3

R.T.: 5.900 min
Delta R.T.: 0.000 min
Response: 65218198
Conc: 429.53 ng/ml



#18 AR-1242-3

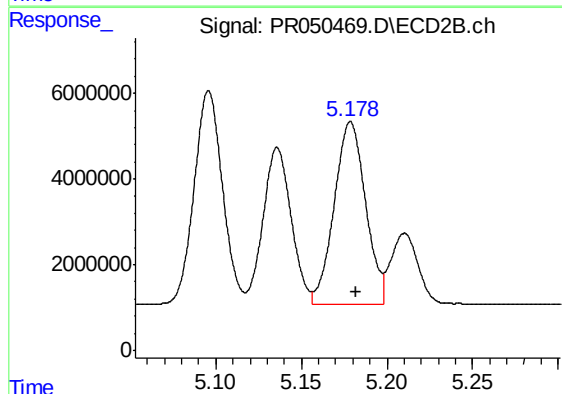
R.T.: 5.096 min
Delta R.T.: -0.003 min
Response: 57629288
Conc: 398.02 ng/ml



#19 AR-1242-4

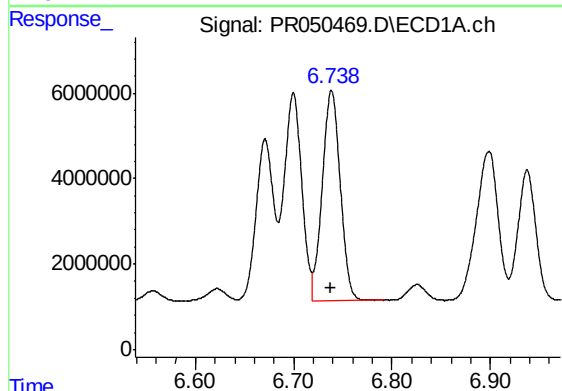
R.T.: 6.001 min
Delta R.T.: 0.001 min
Response: 54523520
Conc: 423.92 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12423078



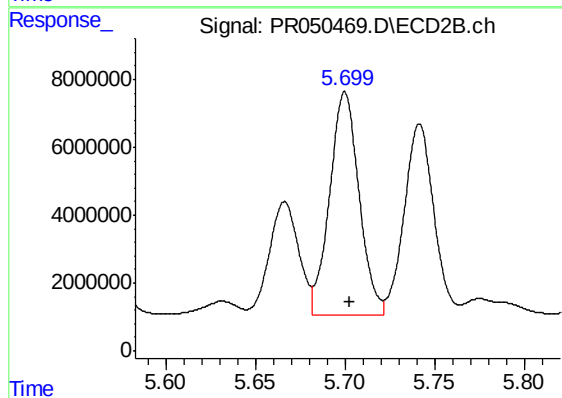
#19 AR-1242-4

R.T.: 5.179 min
Delta R.T.: -0.003 min
Response: 54536507
Conc: 392.77 ng/ml



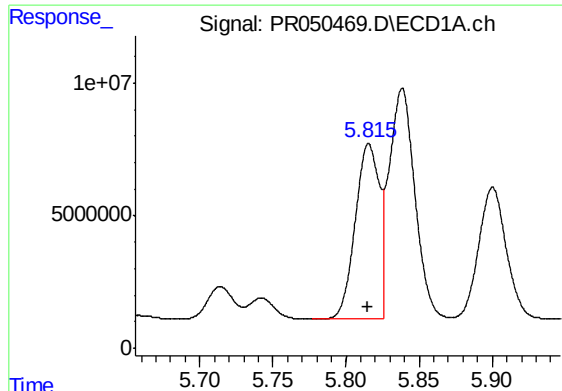
#20 AR-1242-5

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 62444194
Conc: 389.88 ng/ml



#20 AR-1242-5

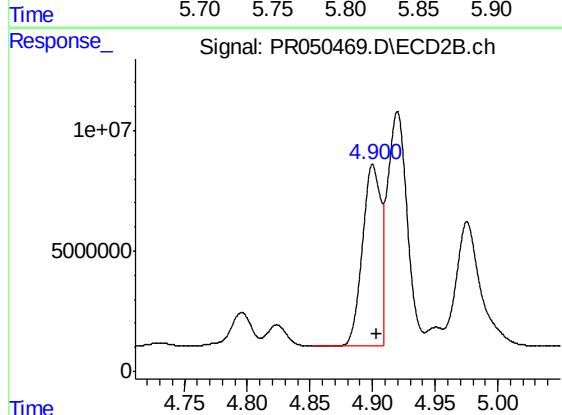
R.T.: 5.700 min
Delta R.T.: -0.002 min
Response: 75184543
Conc: 379.95 ng/ml



#21 AR-1248-1

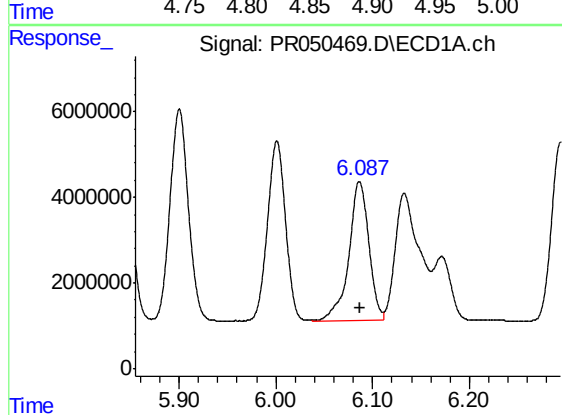
R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 74889402
Conc: 615.02 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12423078



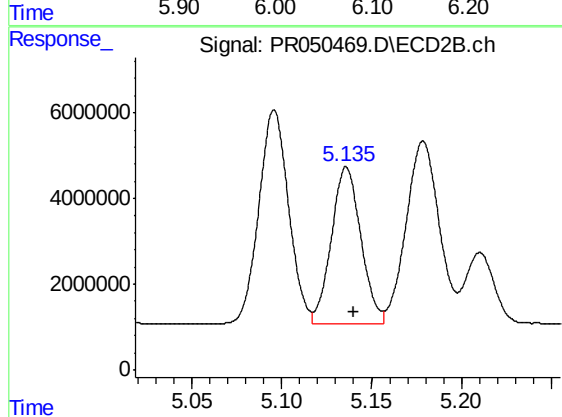
#21 AR-1248-1

R.T.: 4.900 min
Delta R.T.: -0.004 min
Response: 75490781
Conc: 579.38 ng/ml



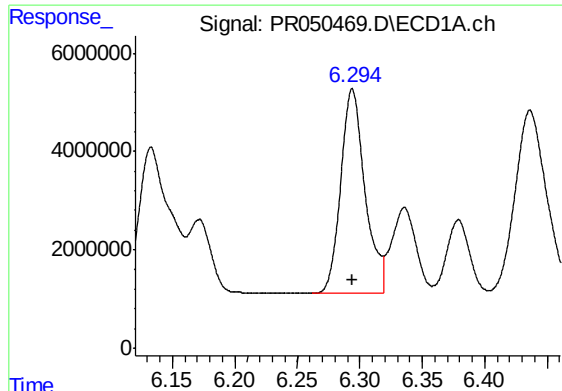
#22 AR-1248-2

R.T.: 6.087 min
Delta R.T.: 0.000 min
Response: 46713684
Conc: 255.14 ng/ml



#22 AR-1248-2

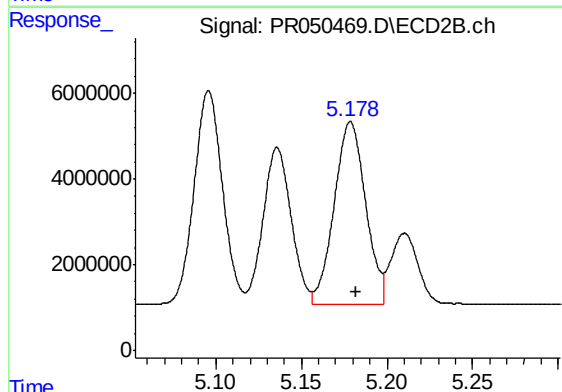
R.T.: 5.136 min
Delta R.T.: -0.004 min
Response: 41949219
Conc: 233.75 ng/ml



#23 AR-1248-3

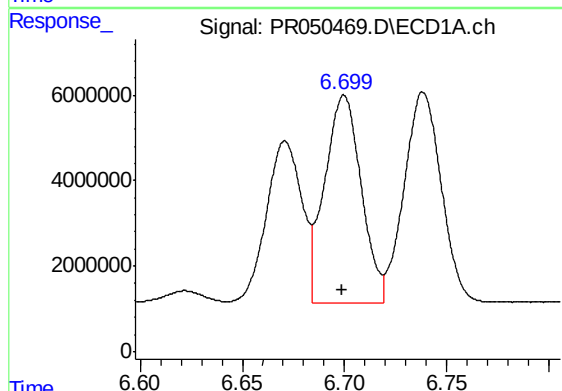
R.T.: 6.294 min
Delta R.T.: 0.000 min
Response: 55941451
Conc: 264.03 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12423078



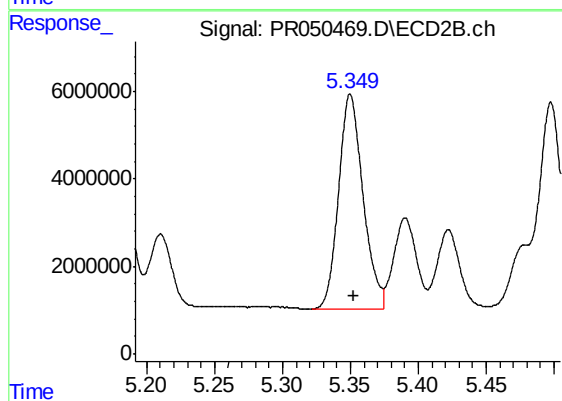
#23 AR-1248-3

R.T.: 5.179 min
Delta R.T.: -0.003 min
Response: 54536507
Conc: 284.29 ng/ml



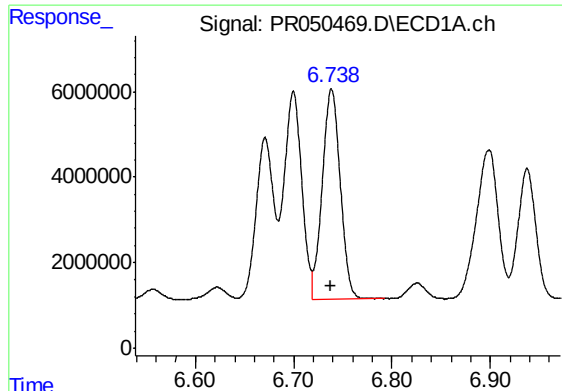
#24 AR-1248-4

R.T.: 6.700 min
Delta R.T.: 0.001 min
Response: 60427694
Conc: 228.58 ng/ml



#24 AR-1248-4

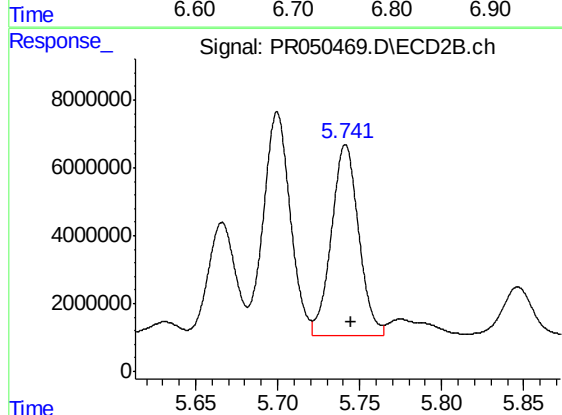
R.T.: 5.350 min
Delta R.T.: -0.003 min
Response: 61572870
Conc: 259.32 ng/ml



#25 AR-1248-5

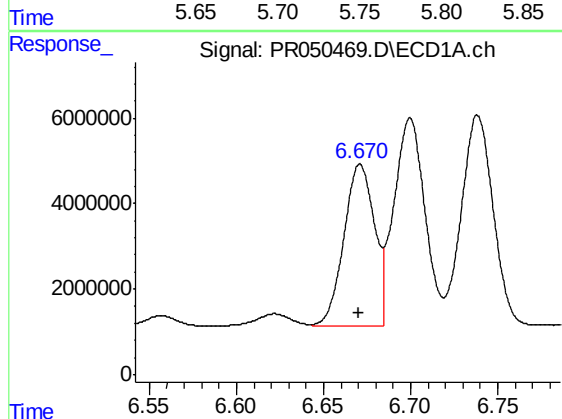
R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 62444194
Conc: 244.49 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12423078



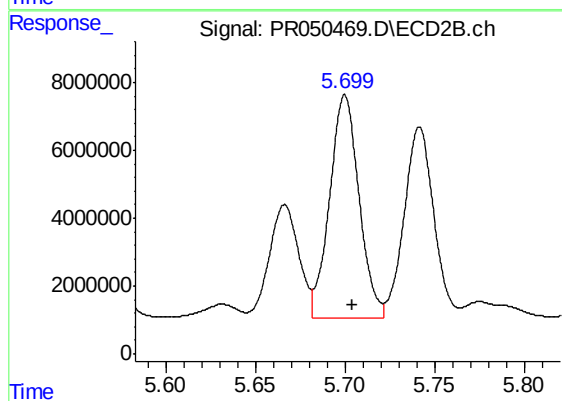
#25 AR-1248-5

R.T.: 5.741 min
Delta R.T.: -0.003 min
Response: 64892147
Conc: 247.42 ng/ml



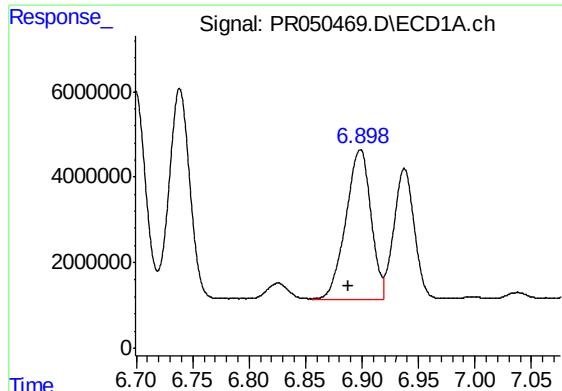
#26 AR-1254-1

R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 46003404
Conc: 124.07 ng/ml



#26 AR-1254-1

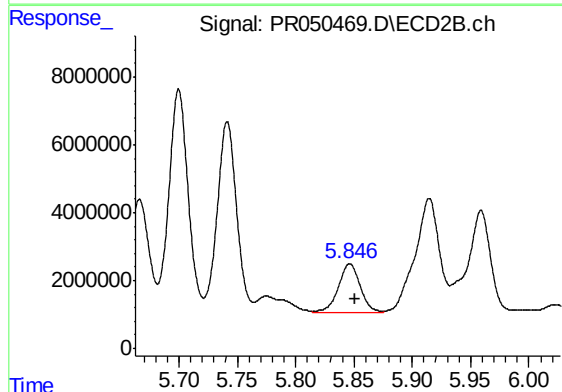
R.T.: 5.700 min
Delta R.T.: -0.004 min
Response: 75184543
Conc: 135.74 ng/ml



#27 AR-1254-2

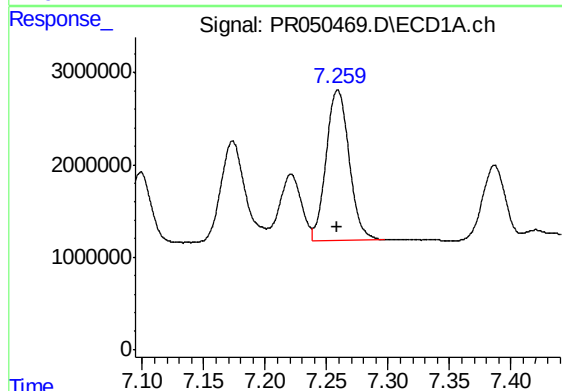
R.T.: 6.899 min
Delta R.T.: 0.011 min
Response: 53834197
Conc: 90.68 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12423078



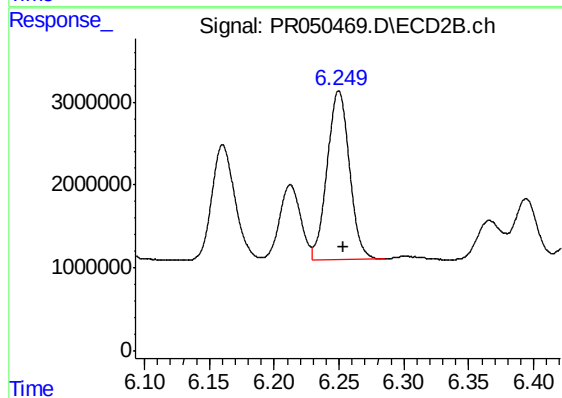
#27 AR-1254-2

R.T.: 5.846 min
Delta R.T.: -0.004 min
Response: 18460343
Conc: 37.84 ng/ml



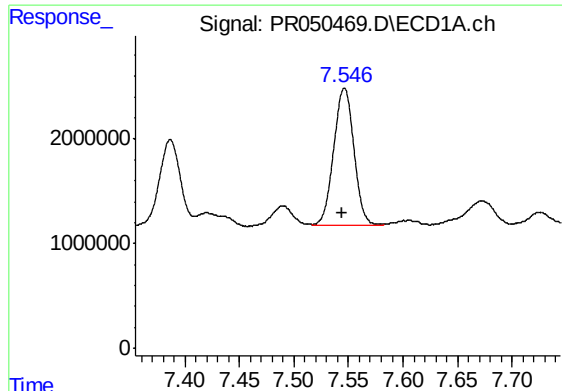
#28 AR-1254-3

R.T.: 7.259 min
Delta R.T.: 0.000 min
Response: 21295646
Conc: 31.84 ng/ml



#28 AR-1254-3

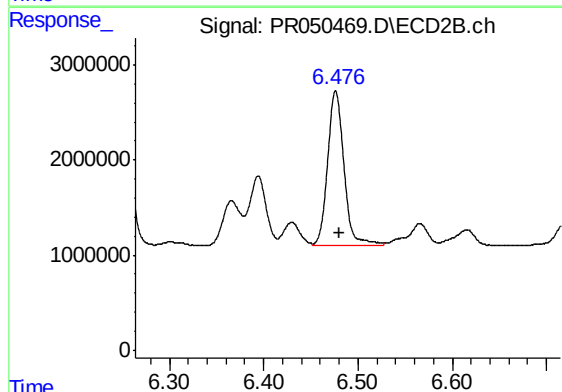
R.T.: 6.250 min
Delta R.T.: -0.004 min
Response: 24324863
Conc: 27.84 ng/ml



#29 AR-1254-4

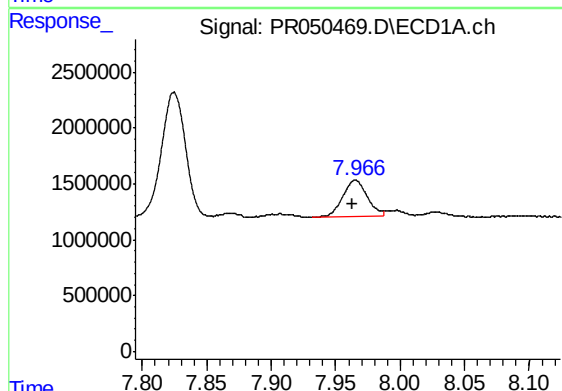
R.T.: 7.546 min
Delta R.T.: 0.002 min
Response: 17057664
Conc: 33.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12423078



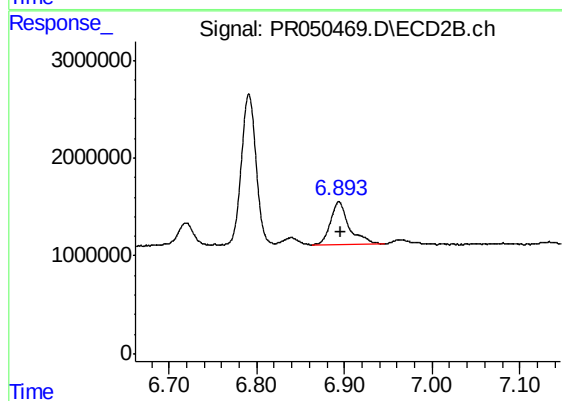
#29 AR-1254-4

R.T.: 6.476 min
Delta R.T.: -0.004 min
Response: 19759781
Conc: 35.38 ng/ml



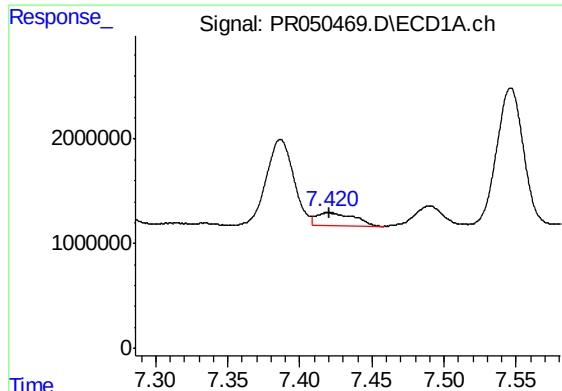
#30 AR-1254-5

R.T.: 7.965 min
Delta R.T.: 0.002 min
Response: 4337282
Conc: 7.94 ng/ml



#30 AR-1254-5

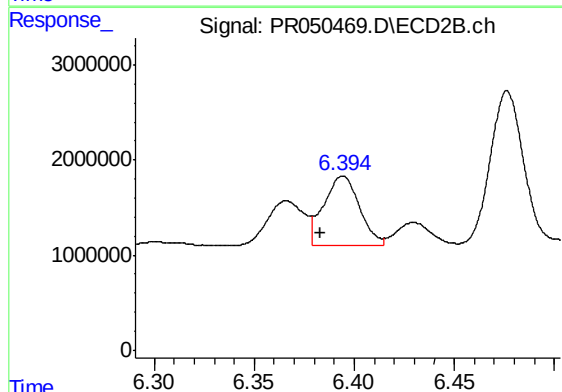
R.T.: 6.894 min
Delta R.T.: -0.003 min
Response: 6437328
Conc: 7.94 ng/ml



#31 AR-1260-1

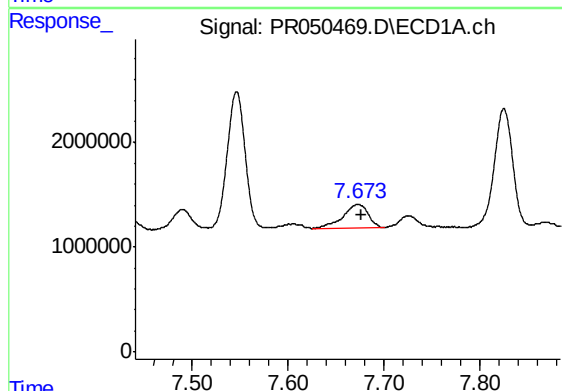
R.T.: 7.420 min
Delta R.T.: 0.000 min
Response: 2276961
Conc: 8.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12423078



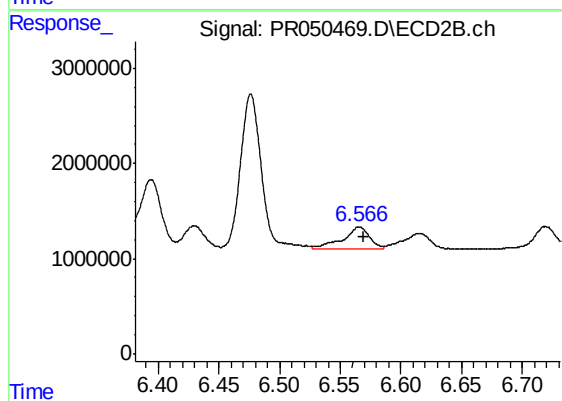
#31 AR-1260-1

R.T.: 6.394 min
Delta R.T.: 0.011 min
Response: 9120883
Conc: 27.42 ng/ml



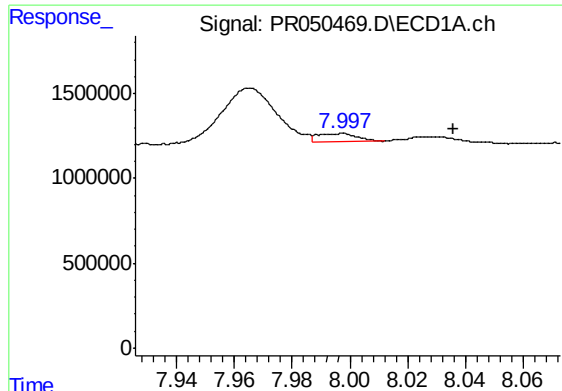
#32 AR-1260-2

R.T.: 7.672 min
Delta R.T.: -0.005 min
Response: 4151594
Conc: 12.88 ng/ml



#32 AR-1260-2

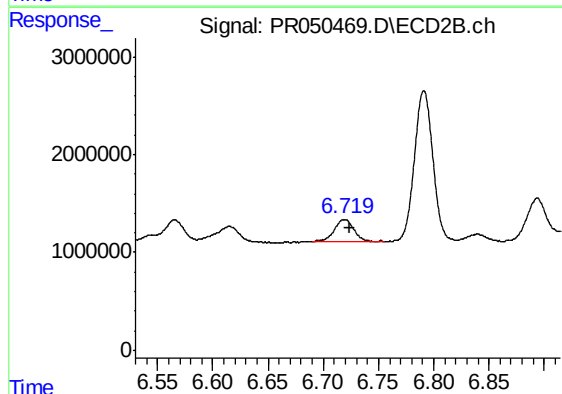
R.T.: 6.565 min
Delta R.T.: -0.004 min
Response: 3674110
Conc: 8.88 ng/ml



#33 AR-1260-3

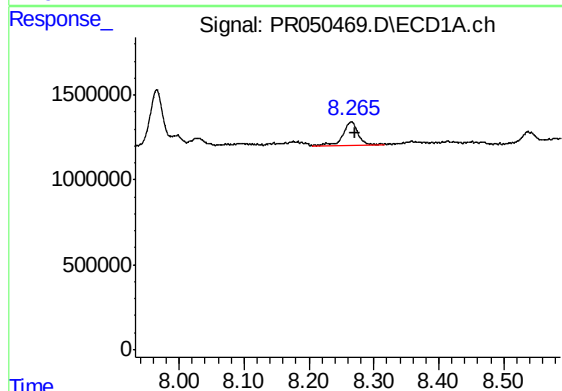
R.T.: 7.997 min
Delta R.T.: -0.038 min
Response: 480538
Conc: 1.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12423078



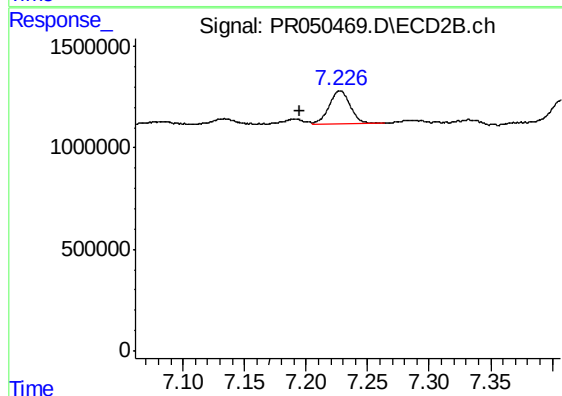
#33 AR-1260-3

R.T.: 6.719 min
Delta R.T.: -0.005 min
Response: 2702576
Conc: 6.84 ng/ml



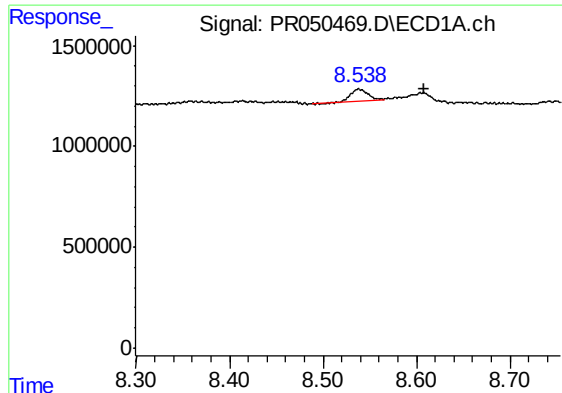
#34 AR-1260-4

R.T.: 8.265 min
Delta R.T.: -0.006 min
Response: 2231113
Conc: 7.62 ng/ml



#34 AR-1260-4

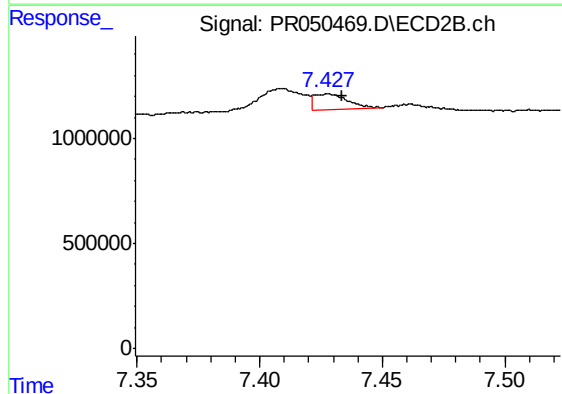
R.T.: 7.227 min
Delta R.T.: 0.033 min
Response: 1933649
Conc: 5.60 ng/ml



#35 AR-1260-5

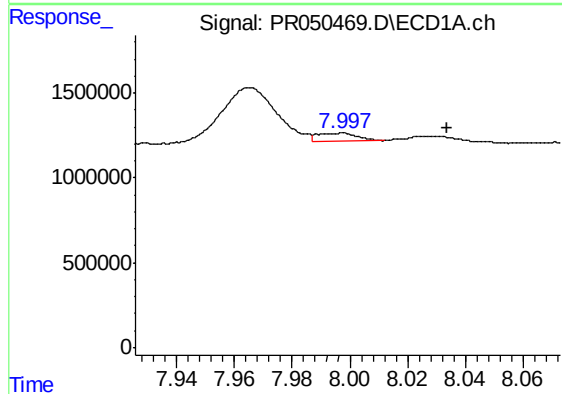
R.T.: 8.538 min
Delta R.T.: -0.070 min
Response: 702478
Conc: 1.16 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12423078



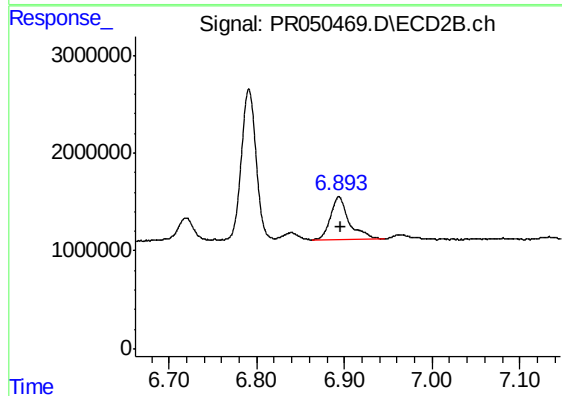
#35 AR-1260-5

R.T.: 7.427 min
Delta R.T.: -0.006 min
Response: 687556
Conc: 0.79 ng/ml



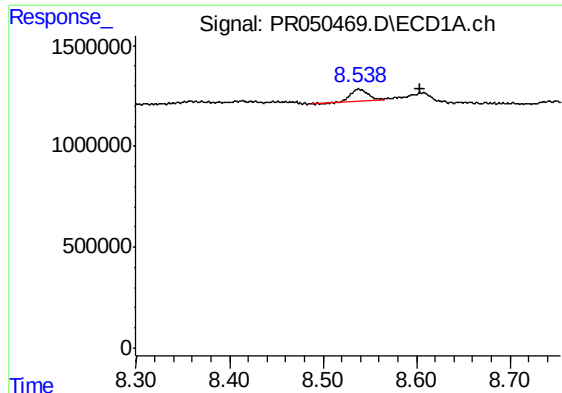
#36 AR-1262-1

R.T.: 7.997 min
Delta R.T.: -0.036 min
Response: 480538
Conc: 0.97 ng/ml



#36 AR-1262-1

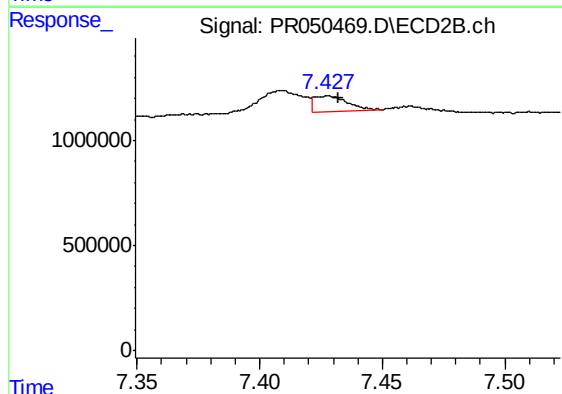
R.T.: 6.894 min
Delta R.T.: -0.002 min
Response: 6437328
Conc: 19.58 ng/ml



#37 AR-1262-2

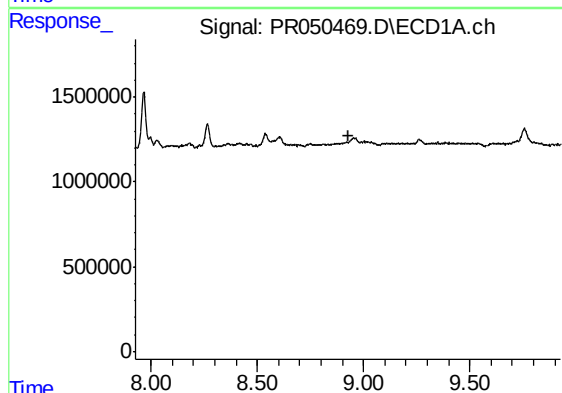
R.T.: 8.538 min
Delta R.T.: -0.067 min
Response: 702478
Conc: 0.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12423078



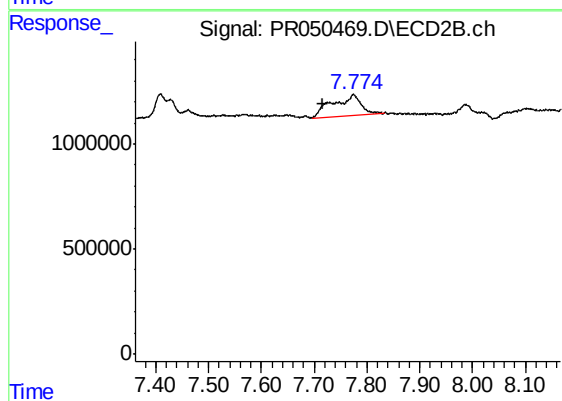
#37 AR-1262-2

R.T.: 7.427 min
Delta R.T.: -0.005 min
Response: 687556
Conc: 0.56 ng/ml



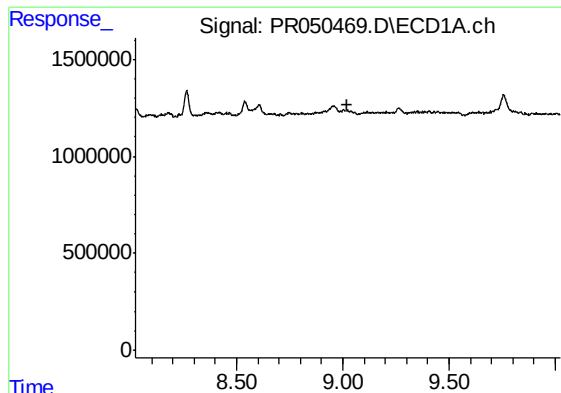
#38 AR-1262-3

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



#38 AR-1262-3

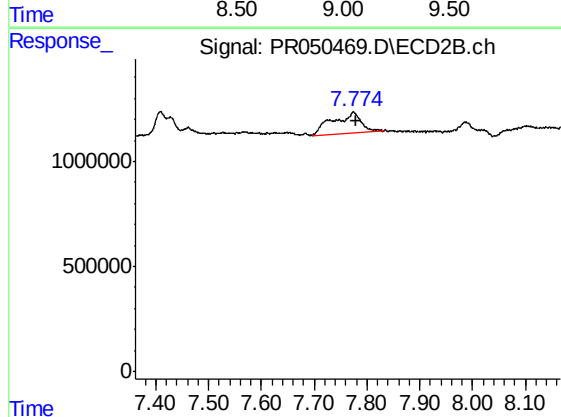
R.T.: 7.774 min
Delta R.T.: 0.058 min
Response: 3869529
Conc: 8.61 ng/ml



#39 AR-1262-4

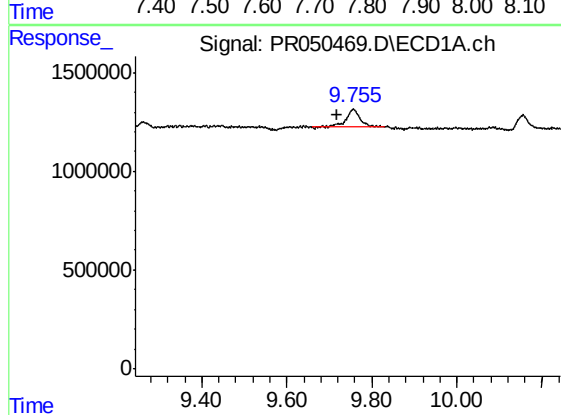
R.T.: 0.000 min
Exp R.T. : 9.024 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR12423078



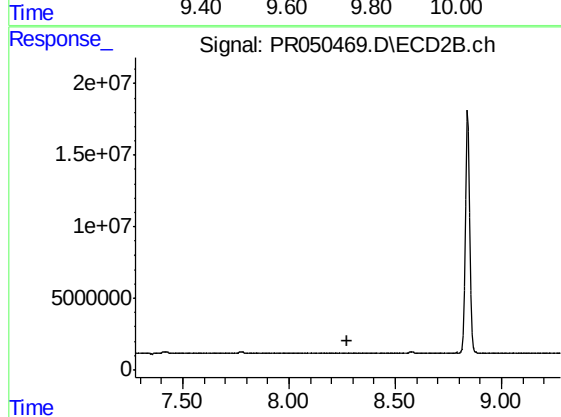
#39 AR-1262-4

R.T.: 7.774 min
Delta R.T.: -0.005 min
Response: 3869529
Conc: 4.33 ng/ml



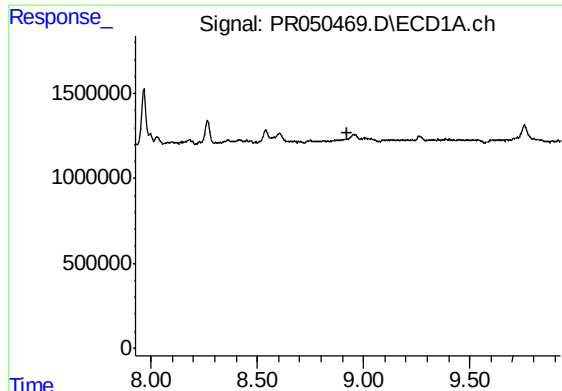
#40 AR-1262-5

R.T.: 9.756 min
Delta R.T.: 0.037 min
Response: 2040549
Conc: 6.32 ng/ml



#40 AR-1262-5

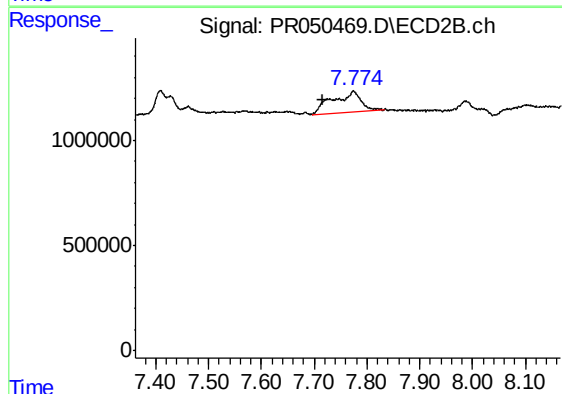
R.T.: 0.000 min
Exp R.T. : 8.277 min
Response: 0
Conc: N.D.



#41 AR-1268-1

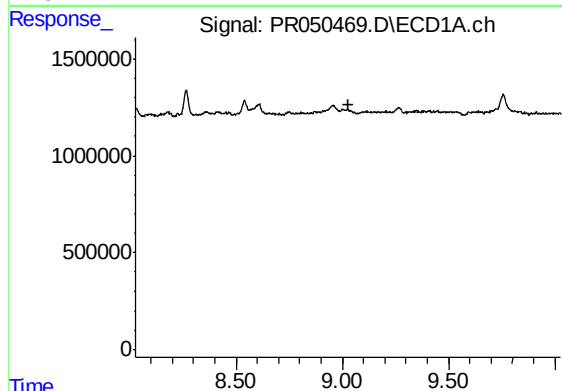
R.T.: 0.000 min
Exp R.T. : 8.926 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR12423078



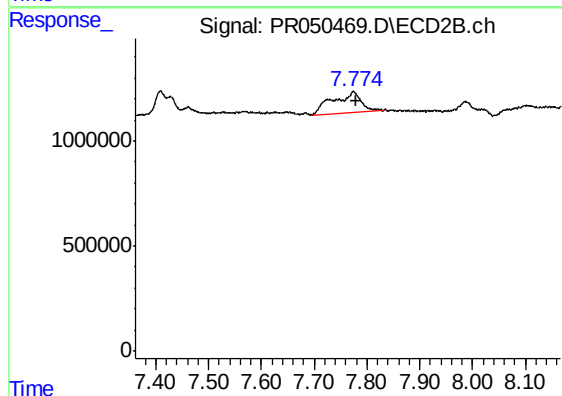
#41 AR-1268-1

R.T.: 7.774 min
Delta R.T.: 0.058 min
Response: 3869529
Conc: 2.69 ng/ml



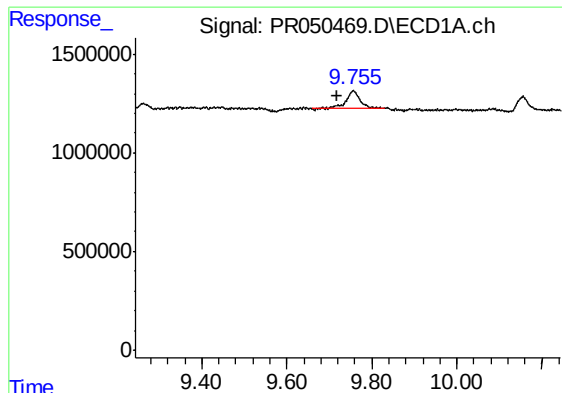
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.026 min
Response: 0
Conc: N.D.



#42 AR-1268-2

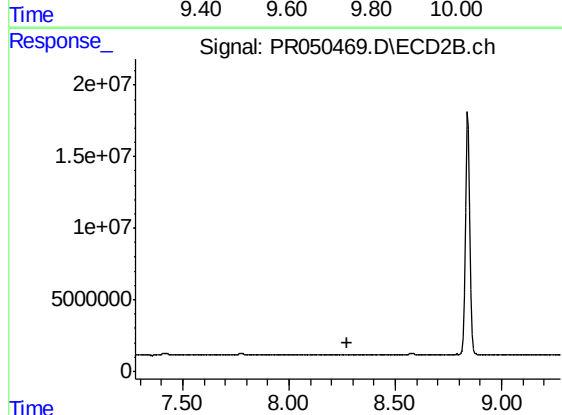
R.T.: 7.774 min
Delta R.T.: -0.006 min
Response: 3869529
Conc: 2.89 ng/ml



#44 AR-1268-4

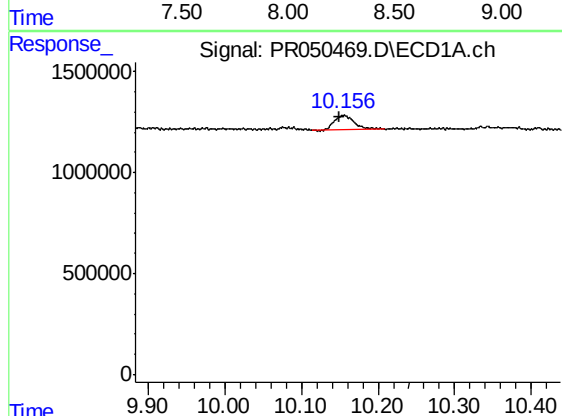
R.T.: 9.756 min
Delta R.T.: 0.038 min
Response: 2040549
Conc: 5.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12423078



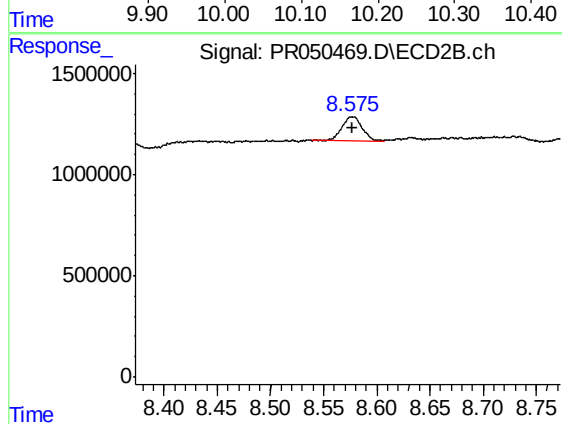
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.277 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.156 min
Delta R.T.: 0.007 min
Response: 1282861
Conc: 0.43 ng/ml



#45 AR-1268-5

R.T.: 8.577 min
Delta R.T.: -0.001 min
Response: 1550072
Conc: 0.43 ng/ml