

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO120221\
 Data File : PO083370.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 02 Dec 2021 9:38
 Operator : AJ\MA
 Sample : M4895-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 02 11:43:25 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO111921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 20 02:49:51 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.946	3.948	2111564	711394	24.061	23.338
2)	SA Decachlor...	11.035	9.255	4232770	1489792	64.371	49.558
Target Compounds							
3)	L1 AR-1016-1	6.279	5.204	103899	15485	35.820	11.757 #
4)	L1 AR-1016-2	6.303	5.225	115183	58266	27.950	32.460
5)	L1 AR-1016-3	6.370	5.426	63156	106817	25.169	109.443 #
6)	L1 AR-1016-4	6.479	5.468	-14247	148246	N.D.	182.356 #
7)	L1 AR-1016-5	6.792	5.696	537463	141280	265.241	139.255 #
8)	L2 AR-1221-1	5.200	0.000	53168	0	56.107	N.D. #
9)	L2 AR-1221-2	5.300	0.000	34929	0	51.950	N.D. #
10)	L2 AR-1221-3	5.388	4.392	112076	23931	52.138	26.461 #
11)	L3 AR-1232-1	5.388	4.392	112076	23931	62.958	31.219 #
12)	L3 AR-1232-2	5.980	5.225	40853	58266	45.050	77.567 #
13)	L3 AR-1232-3	6.303	5.426	115183	106817	70.330	269.686 #
14)	L3 AR-1232-4	6.479	5.523	-14247	164769	N.D.	468.626 #
15)	L3 AR-1232-5	6.576	5.696	355428	141280	632.571	367.971 #
16)	L4 AR-1242-1	6.279	5.204	103899	15485	48.576	15.933 #
17)	L4 AR-1242-2	6.303	5.225	115183	58266	38.213	44.415
18)	L4 AR-1242-3	6.370	5.426	63156	106817	33.822	147.447 #
19)	L4 AR-1242-4	6.479	5.523	-14247	164769	N.D.	239.346 #
20)	L4 AR-1242-5	7.268	6.077	439407	460589	284.038	497.303 #
21)	L5 AR-1248-1	6.279	5.204	103899	15485	66.707	21.728 #
22)	L5 AR-1248-2	6.576	5.468	355428	148246	167.282	146.347
23)	L5 AR-1248-3	6.792	5.523	537463	164769	216.723	166.337
24)	L5 AR-1248-4	7.227	5.696	489314	141280	186.764	114.637 #
25)	L5 AR-1248-5	7.268	6.120	439407	85457	169.688	69.180 #
26)	L6 AR-1254-1	7.197	6.077	802147	460589	288.239	236.874
27)	L6 AR-1254-2	7.428	6.237	1480826	397449	355.953	236.219 #
28)	L6 AR-1254-3	7.813	6.657	1534001	730445	357.154	285.719
29)	L6 AR-1254-4	8.111	6.899	970708	410736	313.825	225.149 #
30)	L6 AR-1254-5	8.542	7.329	1016291	2881242	317.012	1238.222 #
31)	L7 AR-1260-1	7.979	6.795	959245	449876	301.956	246.210
32)	L7 AR-1260-2	8.248	6.995	1750065	614893	466.279	256.626 #
33)	L7 AR-1260-3	8.614	7.147	428297	345394	149.705	168.400
34)	L7 AR-1260-4	8.845	7.631	369969	191115	114.549	108.579
35)	L7 AR-1260-5	9.179	7.881	1099735	455348	173.536	101.986 #
36)	L8 AR-1262-1	8.614	7.329	428297	2881242	114.848	2364.863 #
37)	L8 AR-1262-2	9.179	7.881	1099735	455348	170.905	100.791 #
38)	L8 AR-1262-3	9.495	8.182	482080	650240	158.490	347.455 #
39)	L8 AR-1262-4	9.590	8.233	525222	481139	277.487	151.922 #
40)	L8 AR-1262-5	10.271	8.733	290458	113032	116.403	76.237 #
41)	L9 AR-1268-1	9.495	8.182	482080	650240	58.271	112.758 #

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 Operator : AJ\MA
 Sample : M4895-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

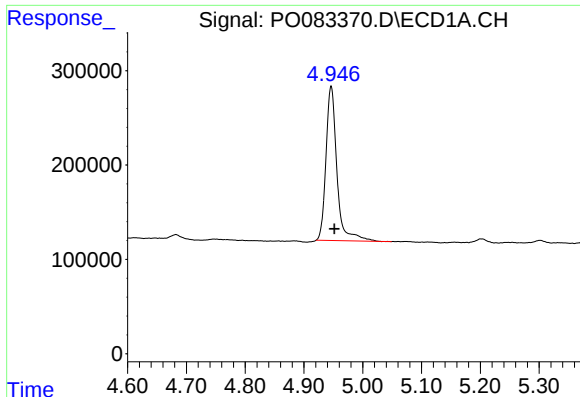
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 02 11:43:25 2021
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 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
42) L9	AR-1268-2	9.590	8.233	525222	481139	68.285	100.175 #
43) L9	AR-1268-3	9.820	8.441	445900	221450	67.994	53.721
44) L9	AR-1268-4	10.271	8.733	290458	113032	101.718	66.682 #
45) L9	AR-1268-5	10.693	9.012	1331679	487950	59.390	41.509 #

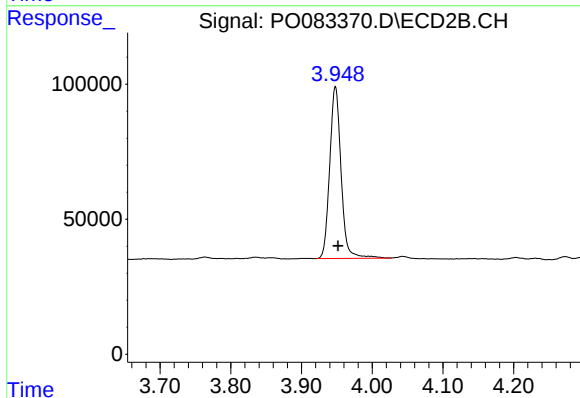
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

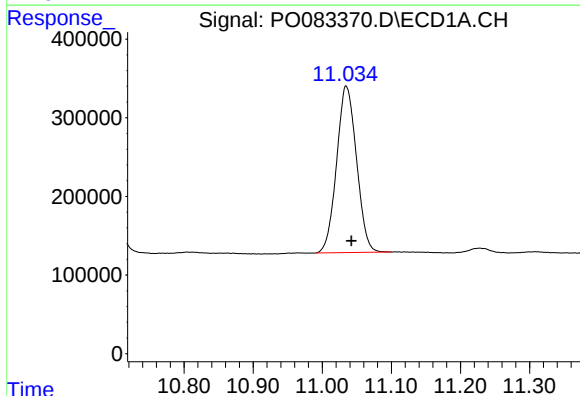
R.T.: 4.946 min
Delta R.T.: -0.006 min
Response: 2111564
Conc: 24.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



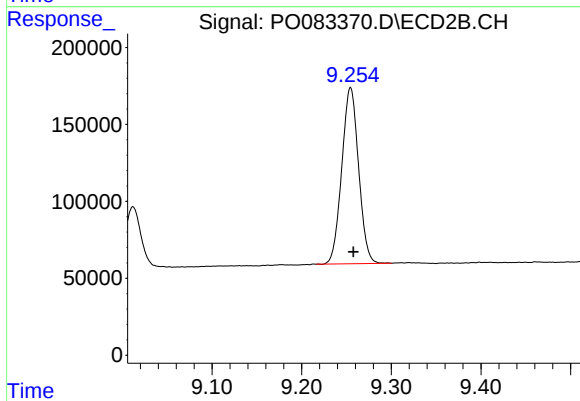
#1 Tetrachloro-m-xylene

R.T.: 3.948 min
Delta R.T.: -0.004 min
Response: 711394
Conc: 23.34 ng/ml



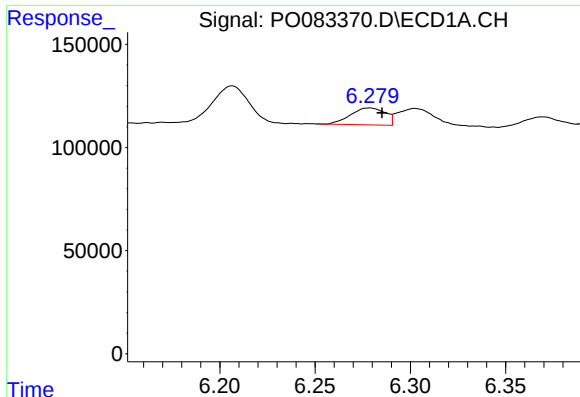
#2 Decachlorobiphenyl

R.T.: 11.035 min
Delta R.T.: -0.008 min
Response: 4232770
Conc: 64.37 ng/ml



#2 Decachlorobiphenyl

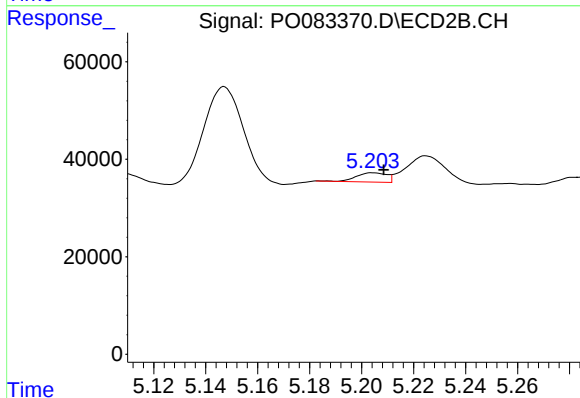
R.T.: 9.255 min
Delta R.T.: -0.003 min
Response: 1489792
Conc: 49.56 ng/ml



#3 AR-1016-1

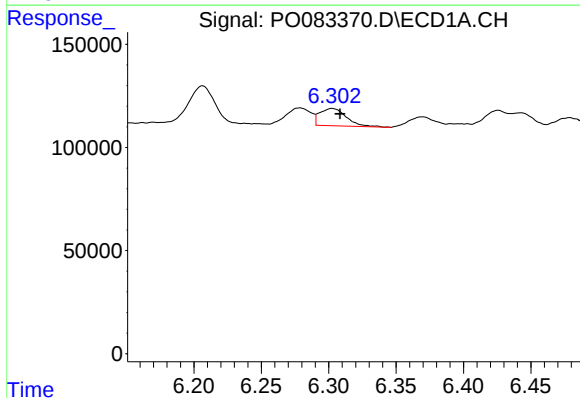
R.T.: 6.279 min
Delta R.T.: -0.007 min
Response: 103899
Conc: 35.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



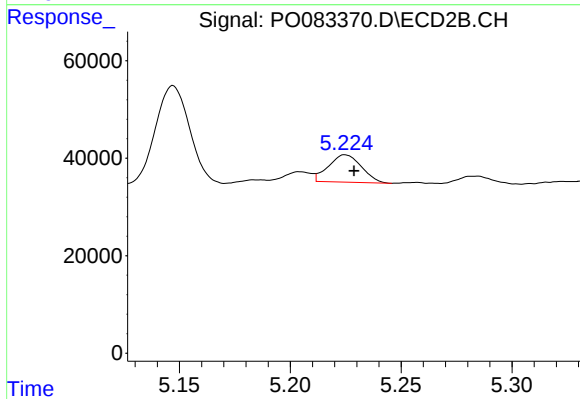
#3 AR-1016-1

R.T.: 5.204 min
Delta R.T.: -0.004 min
Response: 15485
Conc: 11.76 ng/ml



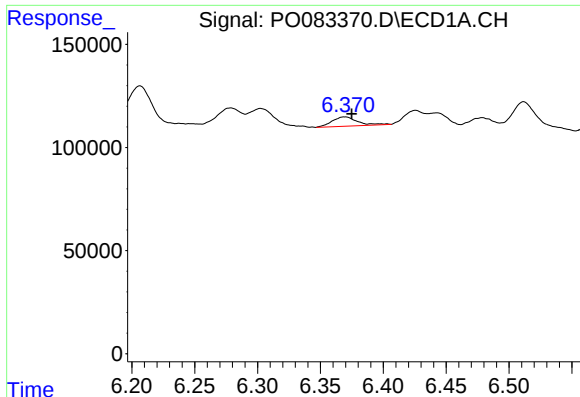
#4 AR-1016-2

R.T.: 6.303 min
Delta R.T.: -0.006 min
Response: 115183
Conc: 27.95 ng/ml



#4 AR-1016-2

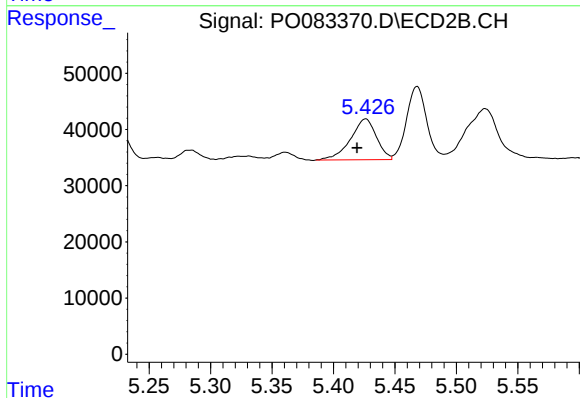
R.T.: 5.225 min
Delta R.T.: -0.004 min
Response: 58266
Conc: 32.46 ng/ml



#5 AR-1016-3

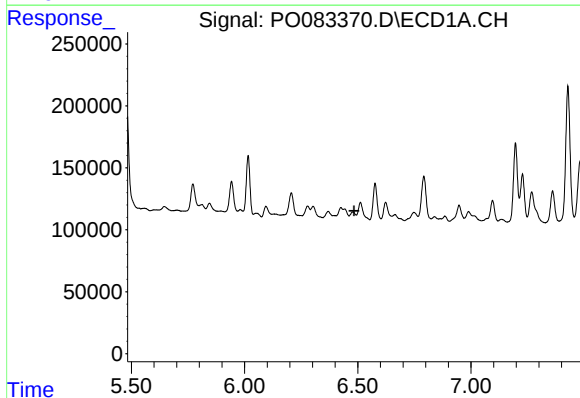
R.T.: 6.370 min
Delta R.T.: -0.005 min
Response: 63156
Conc: 25.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



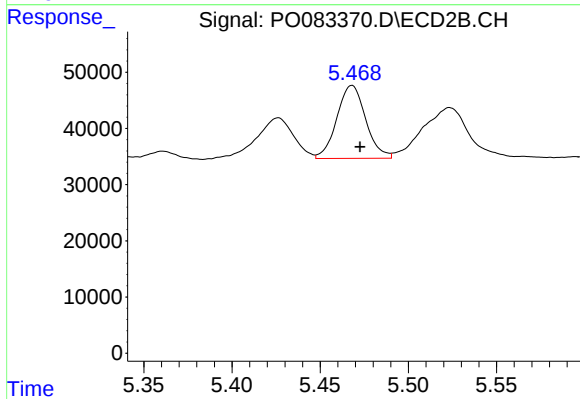
#5 AR-1016-3

R.T.: 5.426 min
Delta R.T.: 0.007 min
Response: 106817
Conc: 109.44 ng/ml



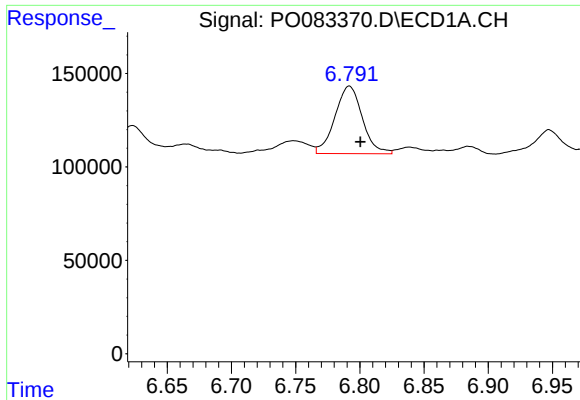
#6 AR-1016-4

R.T.: 6.479 min
Delta R.T.: -0.005 min
Response: -14247
Conc: N.D.



#6 AR-1016-4

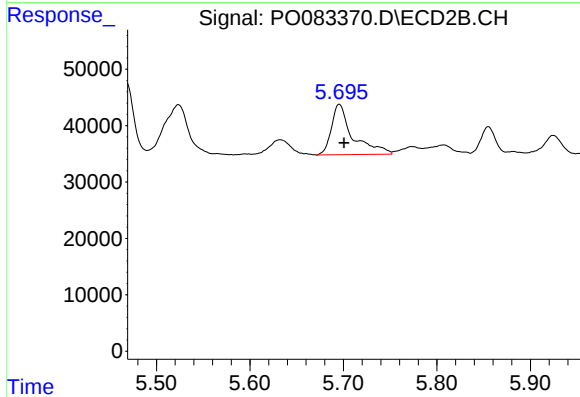
R.T.: 5.468 min
Delta R.T.: -0.004 min
Response: 148246
Conc: 182.36 ng/ml



#7 AR-1016-5

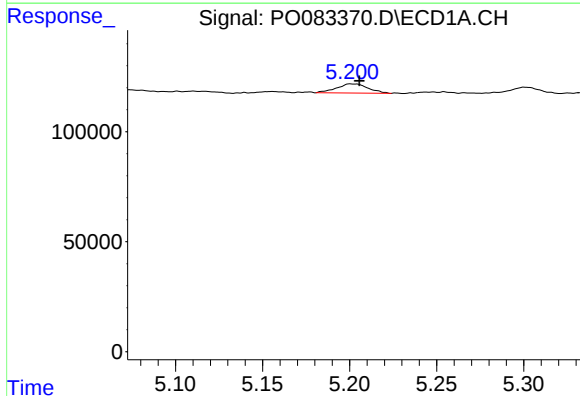
R.T.: 6.792 min
Delta R.T.: -0.009 min
Response: 537463
Conc: 265.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



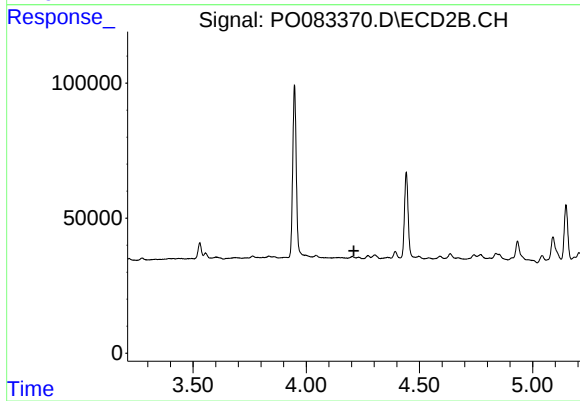
#7 AR-1016-5

R.T.: 5.696 min
Delta R.T.: -0.005 min
Response: 141280
Conc: 139.25 ng/ml



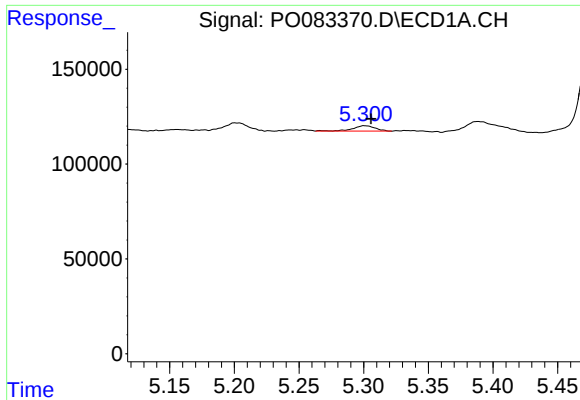
#8 AR-1221-1

R.T.: 5.200 min
Delta R.T.: -0.005 min
Response: 53168
Conc: 56.11 ng/ml



#8 AR-1221-1

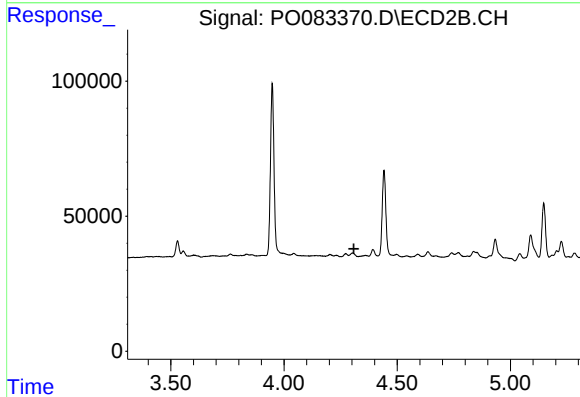
R.T.: 0.000 min
Exp R.T. : 4.210 min
Response: 0
Conc: N.D.



#9 AR-1221-2

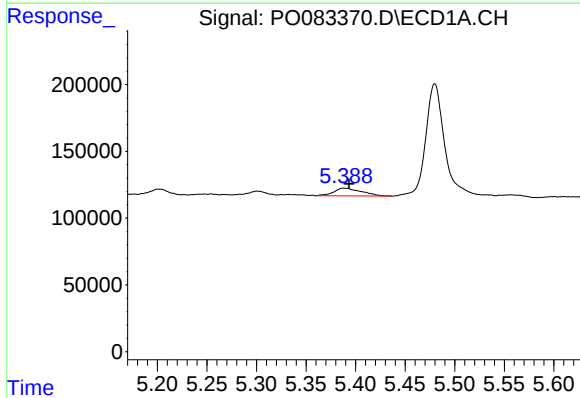
R.T.: 5.300 min
Delta R.T.: -0.005 min
Response: 34929
Conc: 51.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



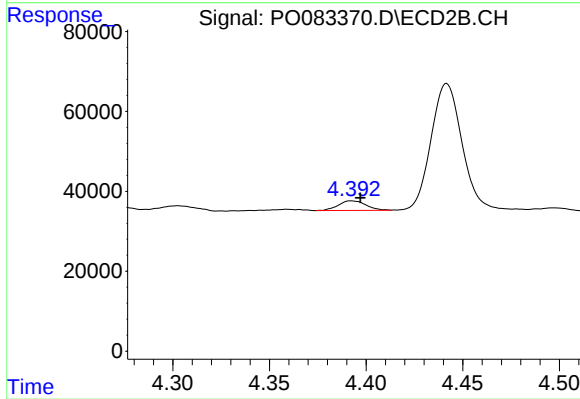
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.309 min
Response: 0
Conc: N.D.



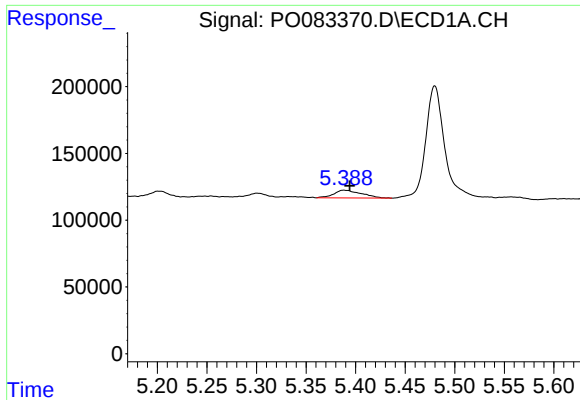
#10 AR-1221-3

R.T.: 5.388 min
Delta R.T.: -0.005 min
Response: 112076
Conc: 52.14 ng/ml



#10 AR-1221-3

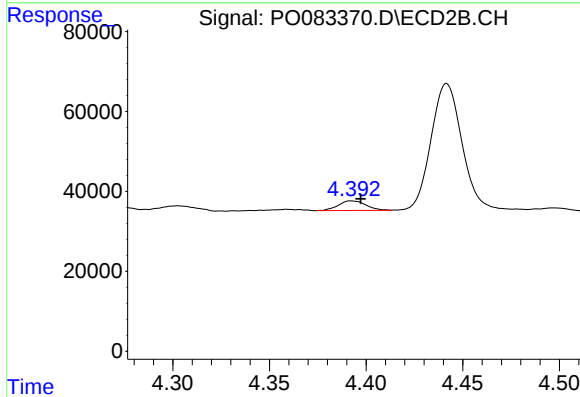
R.T.: 4.392 min
Delta R.T.: -0.005 min
Response: 23931
Conc: 26.46 ng/ml



#11 AR-1232-1

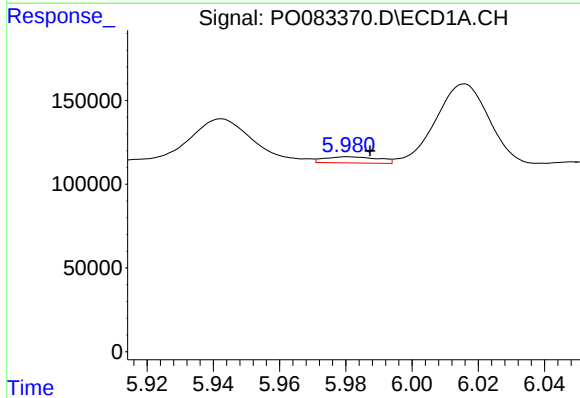
R.T.: 5.388 min
Delta R.T.: -0.006 min
Response: 112076
Conc: 62.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



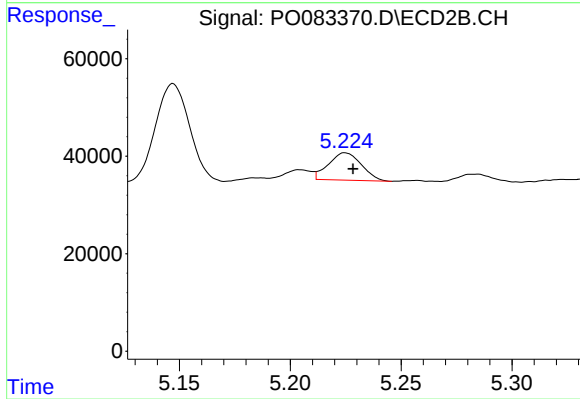
#11 AR-1232-1

R.T.: 4.392 min
Delta R.T.: -0.005 min
Response: 23931
Conc: 31.22 ng/ml



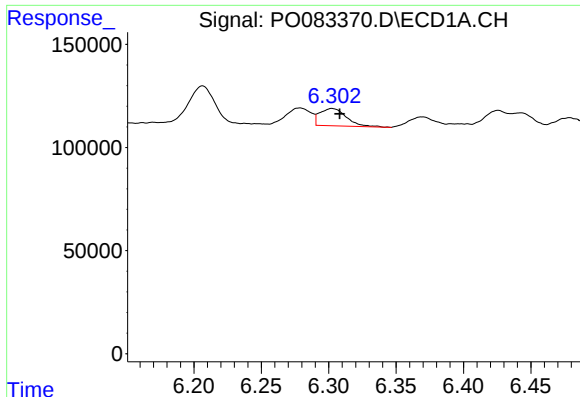
#12 AR-1232-2

R.T.: 5.980 min
Delta R.T.: -0.007 min
Response: 40853
Conc: 45.05 ng/ml



#12 AR-1232-2

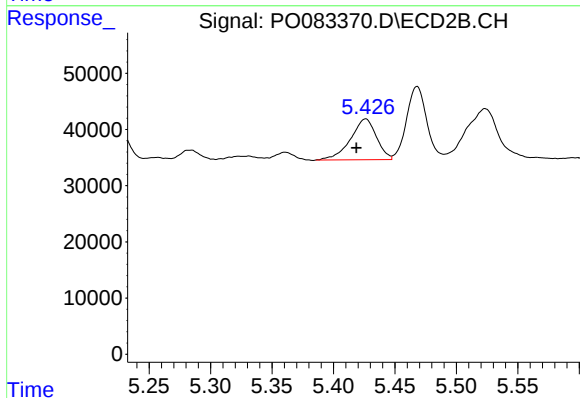
R.T.: 5.225 min
Delta R.T.: -0.003 min
Response: 58266
Conc: 77.57 ng/ml



#13 AR-1232-3

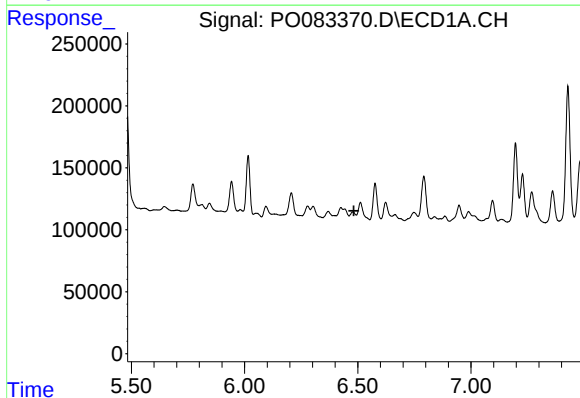
R.T.: 6.303 min
Delta R.T.: -0.006 min
Response: 115183
Conc: 70.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



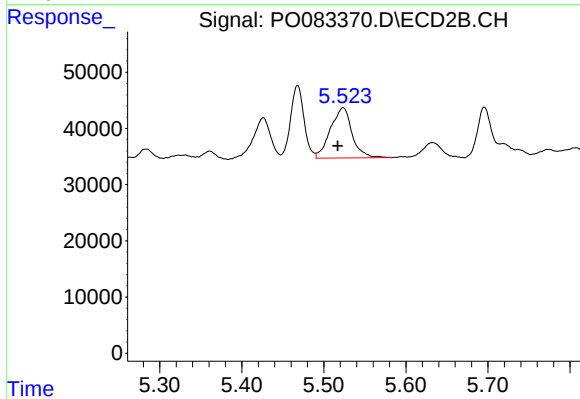
#13 AR-1232-3

R.T.: 5.426 min
Delta R.T.: 0.008 min
Response: 106817
Conc: 269.69 ng/ml



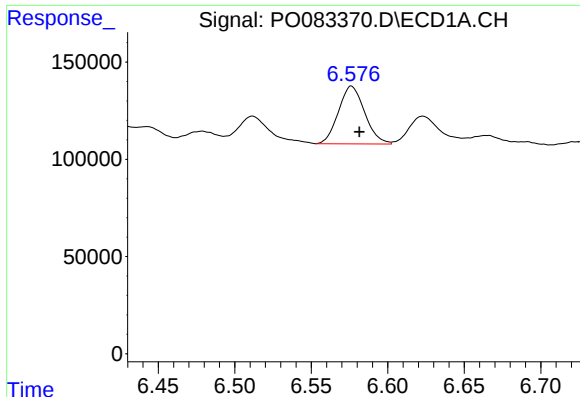
#14 AR-1232-4

R.T.: 6.479 min
Delta R.T.: -0.004 min
Response: -14247
Conc: N.D.



#14 AR-1232-4

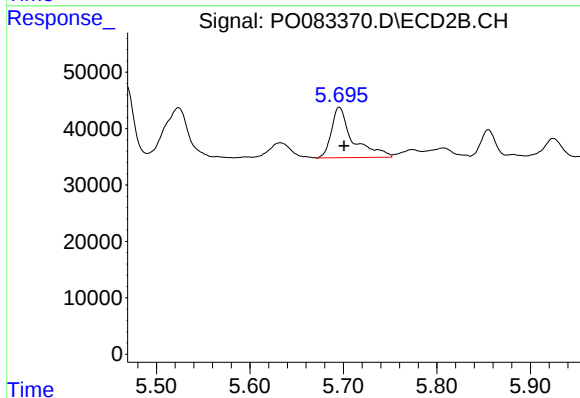
R.T.: 5.523 min
Delta R.T.: 0.006 min
Response: 164769
Conc: 468.63 ng/ml



#15 AR-1232-5

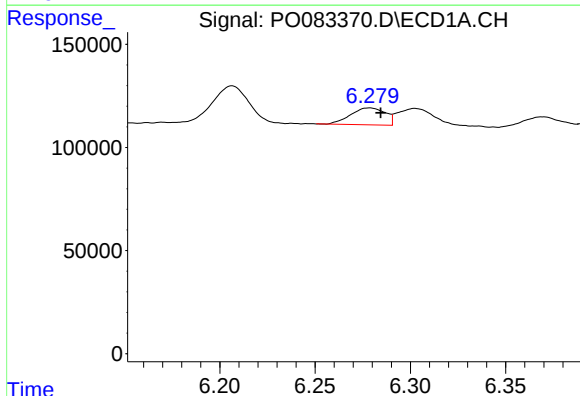
R.T.: 6.576 min
Delta R.T.: -0.005 min
Response: 355428
Conc: 632.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



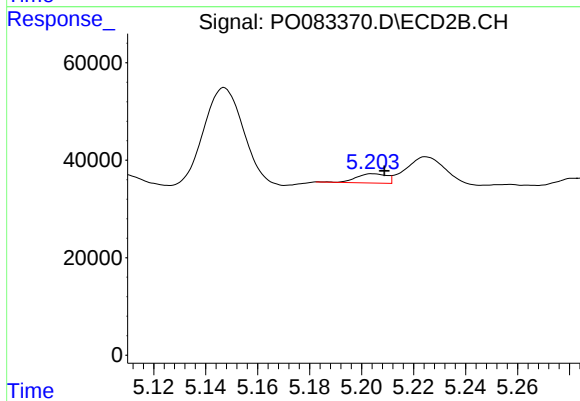
#15 AR-1232-5

R.T.: 5.696 min
Delta R.T.: -0.005 min
Response: 141280
Conc: 367.97 ng/ml



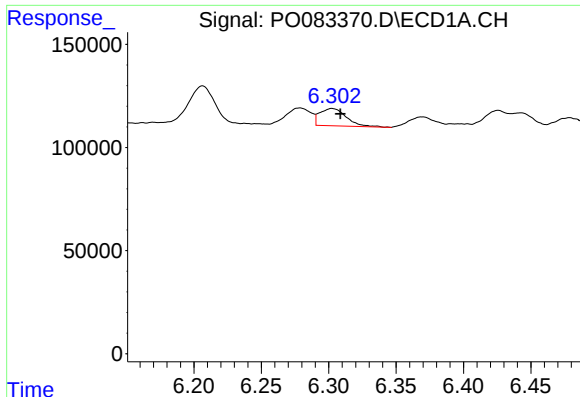
#16 AR-1242-1

R.T.: 6.279 min
Delta R.T.: -0.006 min
Response: 103899
Conc: 48.58 ng/ml



#16 AR-1242-1

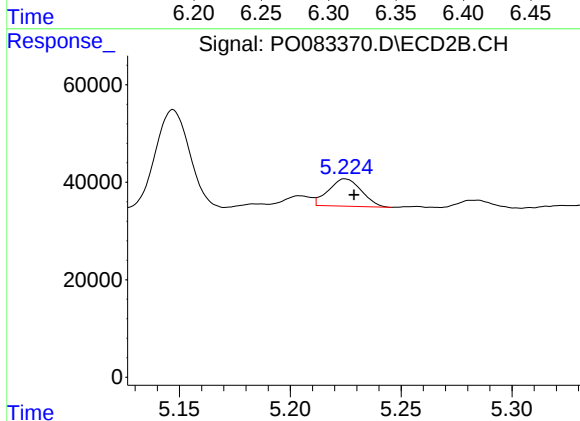
R.T.: 5.204 min
Delta R.T.: -0.004 min
Response: 15485
Conc: 15.93 ng/ml



#17 AR-1242-2

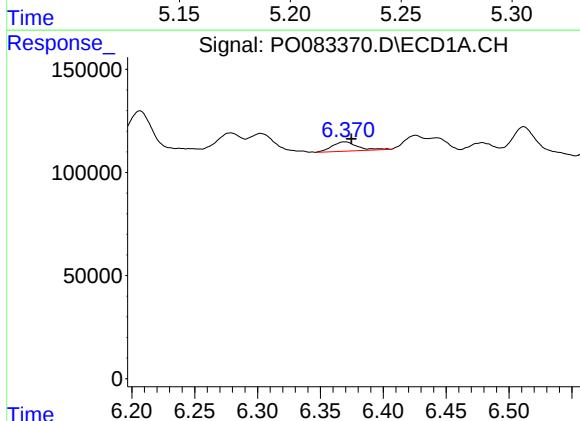
R.T.: 6.303 min
Delta R.T.: -0.006 min
Response: 115183
Conc: 38.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



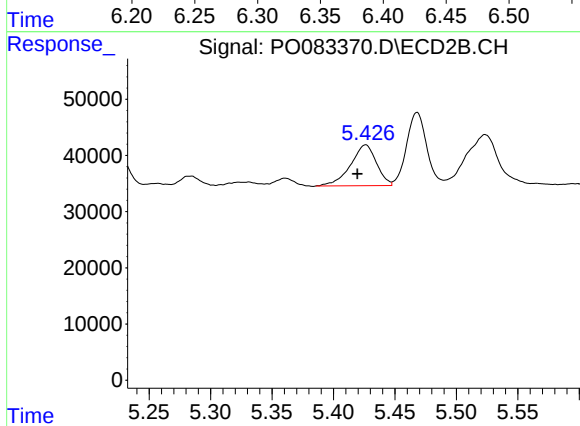
#17 AR-1242-2

R.T.: 5.225 min
Delta R.T.: -0.004 min
Response: 58266
Conc: 44.41 ng/ml



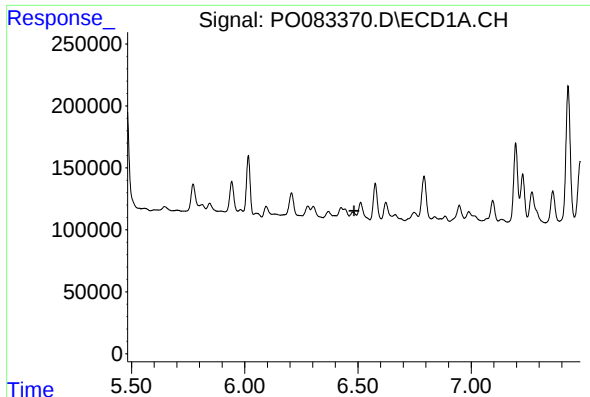
#18 AR-1242-3

R.T.: 6.370 min
Delta R.T.: -0.005 min
Response: 63156
Conc: 33.82 ng/ml



#18 AR-1242-3

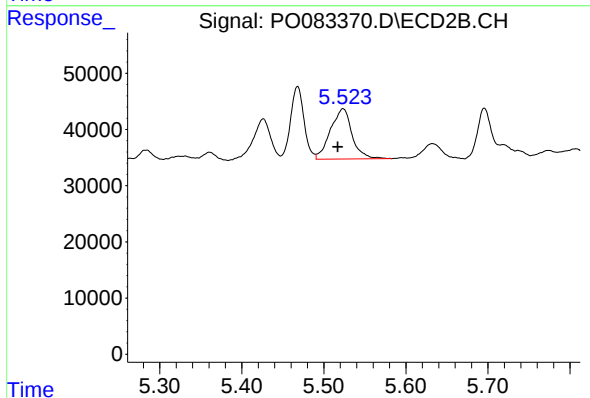
R.T.: 5.426 min
Delta R.T.: 0.007 min
Response: 106817
Conc: 147.45 ng/ml



#19 AR-1242-4

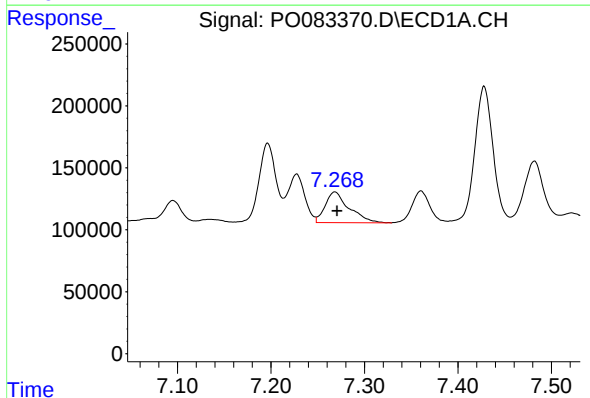
R.T.: 6.479 min
Delta R.T.: -0.004 min
Response: -14247
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



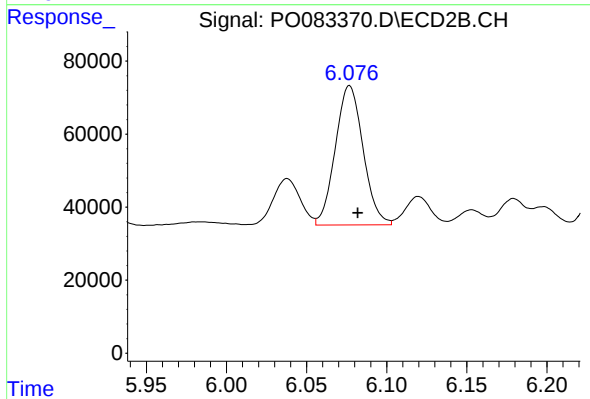
#19 AR-1242-4

R.T.: 5.523 min
Delta R.T.: 0.006 min
Response: 164769
Conc: 239.35 ng/ml



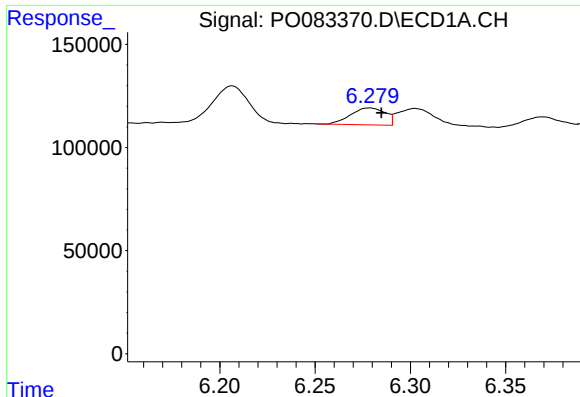
#20 AR-1242-5

R.T.: 7.268 min
Delta R.T.: -0.002 min
Response: 439407
Conc: 284.04 ng/ml



#20 AR-1242-5

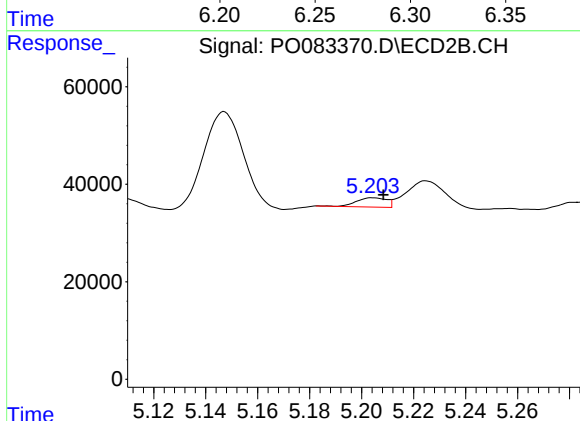
R.T.: 6.077 min
Delta R.T.: -0.005 min
Response: 460589
Conc: 497.30 ng/ml



#21 AR-1248-1

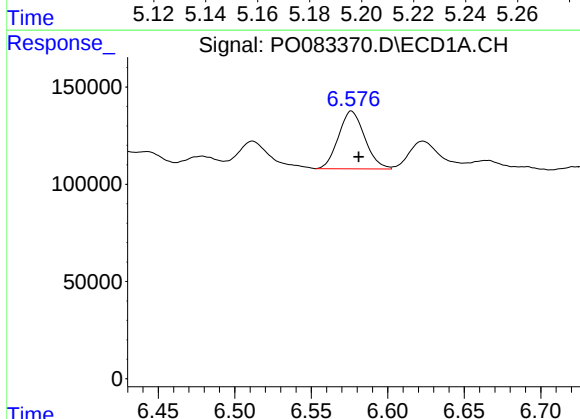
R.T.: 6.279 min
Delta R.T.: -0.006 min
Response: 103899
Conc: 66.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



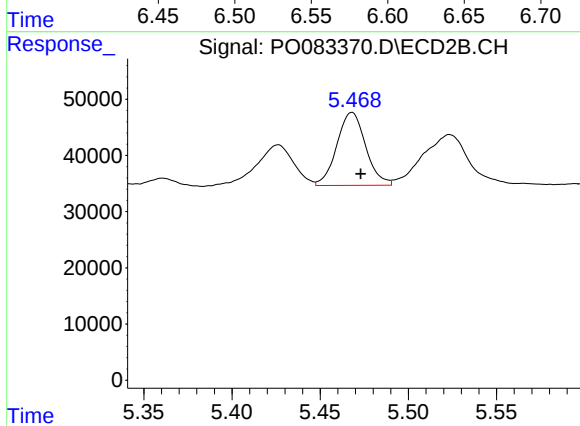
#21 AR-1248-1

R.T.: 5.204 min
Delta R.T.: -0.004 min
Response: 15485
Conc: 21.73 ng/ml



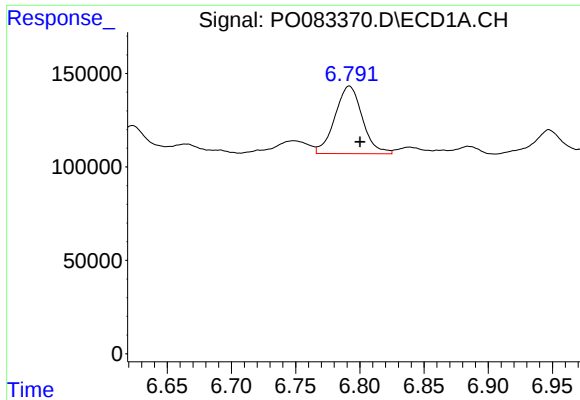
#22 AR-1248-2

R.T.: 6.576 min
Delta R.T.: -0.005 min
Response: 355428
Conc: 167.28 ng/ml



#22 AR-1248-2

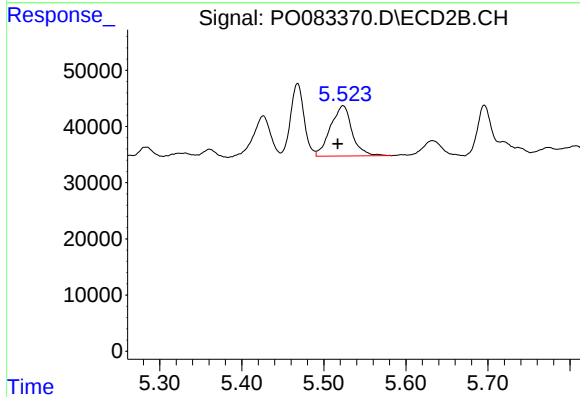
R.T.: 5.468 min
Delta R.T.: -0.005 min
Response: 148246
Conc: 146.35 ng/ml



#23 AR-1248-3

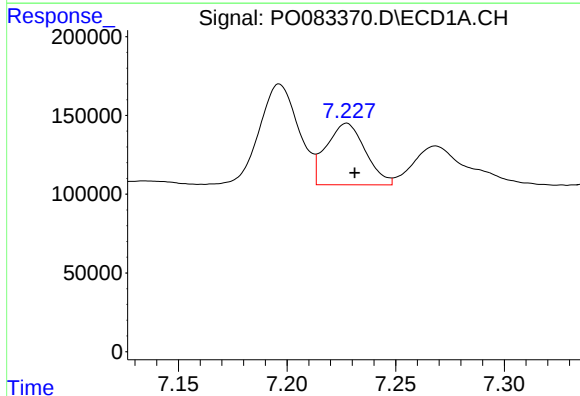
R.T.: 6.792 min
Delta R.T.: -0.008 min
Response: 537463
Conc: 216.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



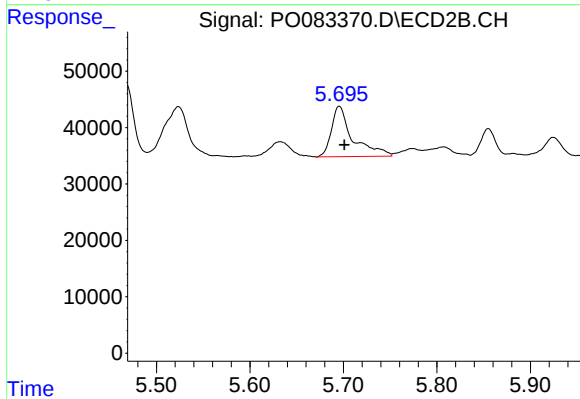
#23 AR-1248-3

R.T.: 5.523 min
Delta R.T.: 0.007 min
Response: 164769
Conc: 166.34 ng/ml



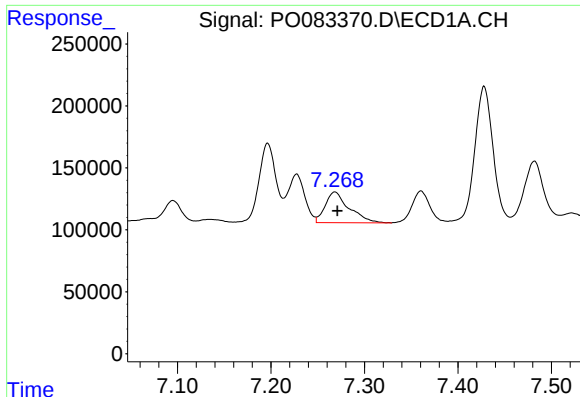
#24 AR-1248-4

R.T.: 7.227 min
Delta R.T.: -0.004 min
Response: 489314
Conc: 186.76 ng/ml



#24 AR-1248-4

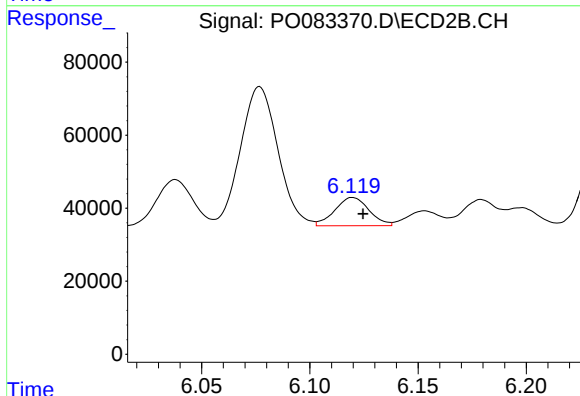
R.T.: 5.696 min
Delta R.T.: -0.005 min
Response: 141280
Conc: 114.64 ng/ml



#25 AR-1248-5

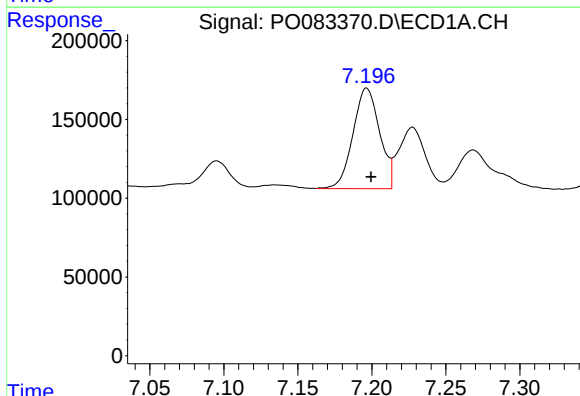
R.T.: 7.268 min
Delta R.T.: -0.003 min
Response: 439407
Conc: 169.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



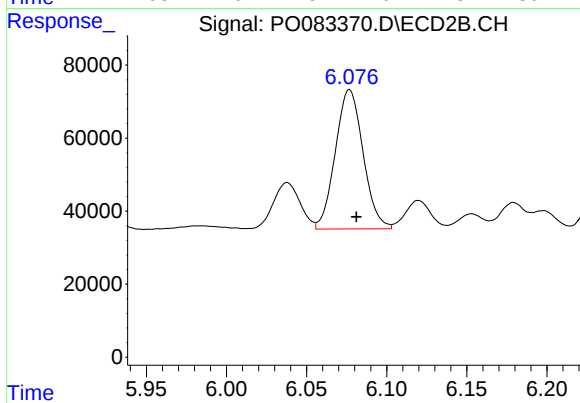
#25 AR-1248-5

R.T.: 6.120 min
Delta R.T.: -0.005 min
Response: 85457
Conc: 69.18 ng/ml



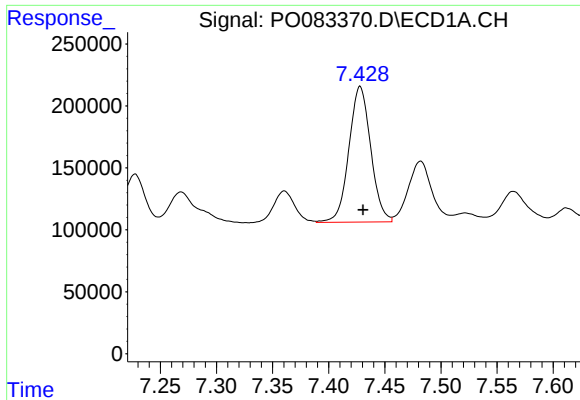
#26 AR-1254-1

R.T.: 7.197 min
Delta R.T.: -0.003 min
Response: 802147
Conc: 288.24 ng/ml



#26 AR-1254-1

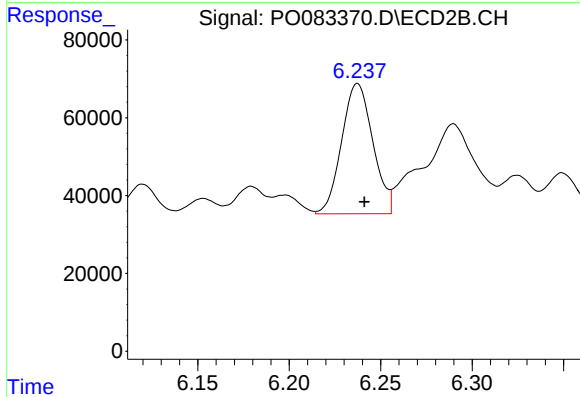
R.T.: 6.077 min
Delta R.T.: -0.004 min
Response: 460589
Conc: 236.87 ng/ml



#27 AR-1254-2

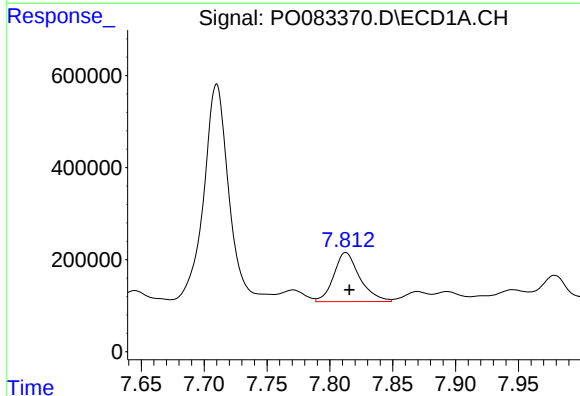
R.T.: 7.428 min
Delta R.T.: -0.003 min
Response: 1480826
Conc: 355.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



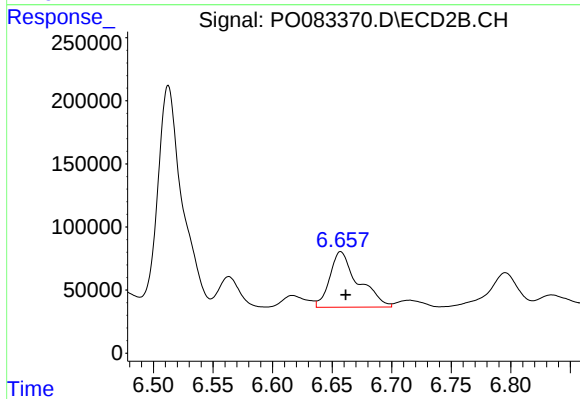
#27 AR-1254-2

R.T.: 6.237 min
Delta R.T.: -0.004 min
Response: 397449
Conc: 236.22 ng/ml



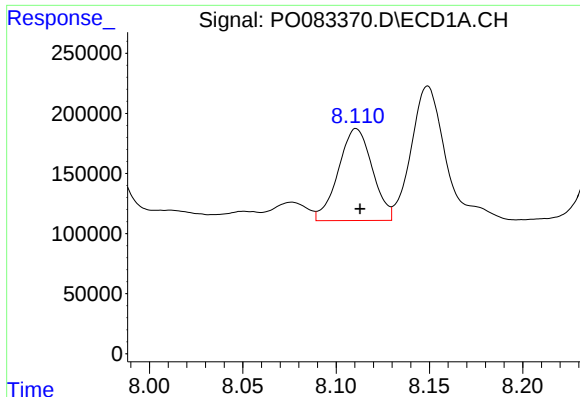
#28 AR-1254-3

R.T.: 7.813 min
Delta R.T.: -0.003 min
Response: 1534001
Conc: 357.15 ng/ml



#28 AR-1254-3

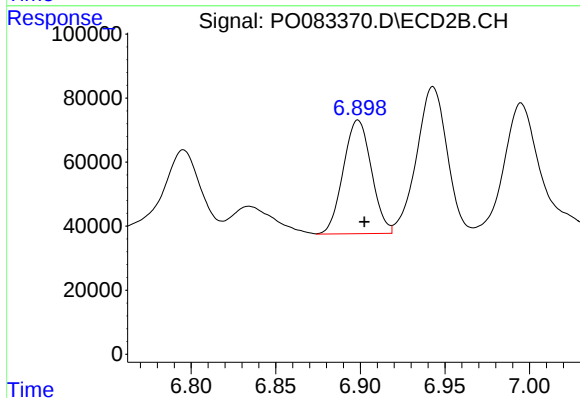
R.T.: 6.657 min
Delta R.T.: -0.004 min
Response: 730445
Conc: 285.72 ng/ml



#29 AR-1254-4

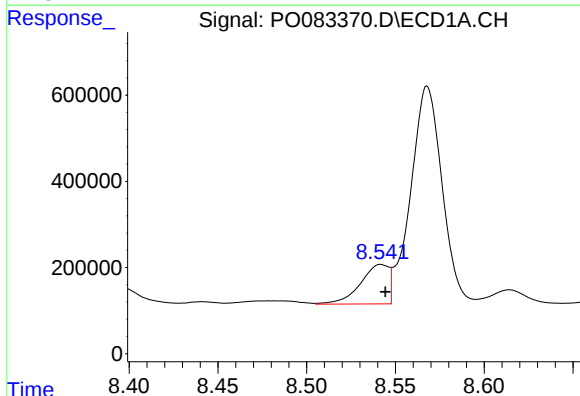
R.T.: 8.111 min
Delta R.T.: -0.002 min
Response: 970708
Conc: 313.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



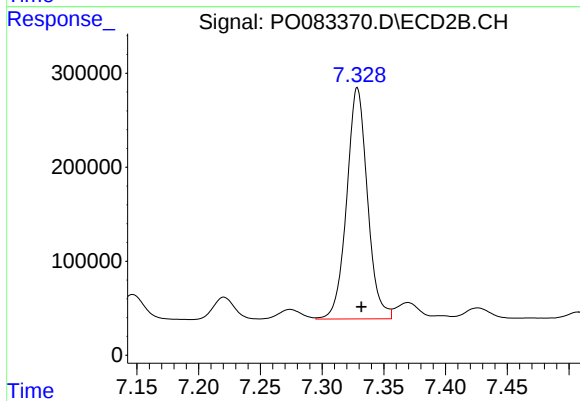
#29 AR-1254-4

R.T.: 6.899 min
Delta R.T.: -0.004 min
Response: 410736
Conc: 225.15 ng/ml



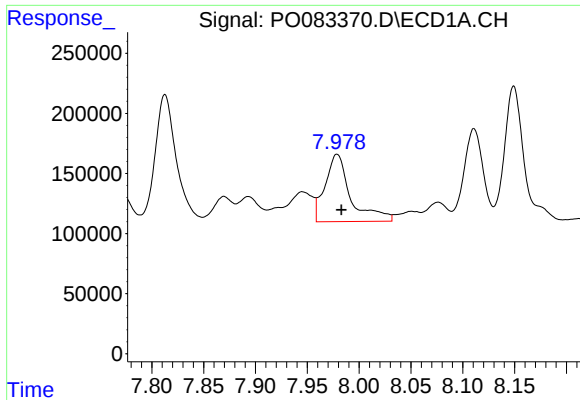
#30 AR-1254-5

R.T.: 8.542 min
Delta R.T.: -0.002 min
Response: 1016291
Conc: 317.01 ng/ml



#30 AR-1254-5

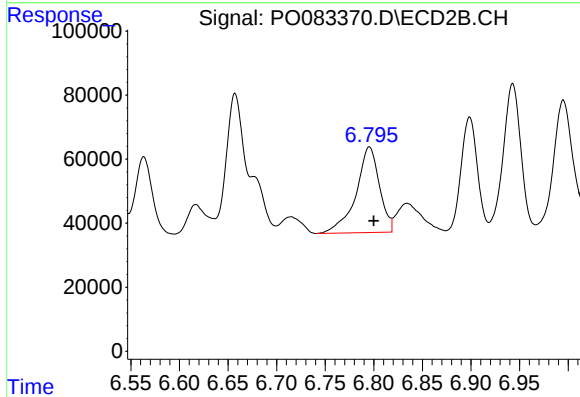
R.T.: 7.329 min
Delta R.T.: -0.003 min
Response: 2881242
Conc: 1238.22 ng/ml



#31 AR-1260-1

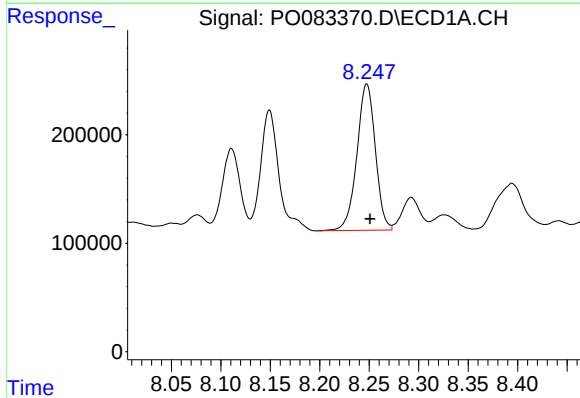
R.T.: 7.979 min
Delta R.T.: -0.004 min
Response: 959245
Conc: 301.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



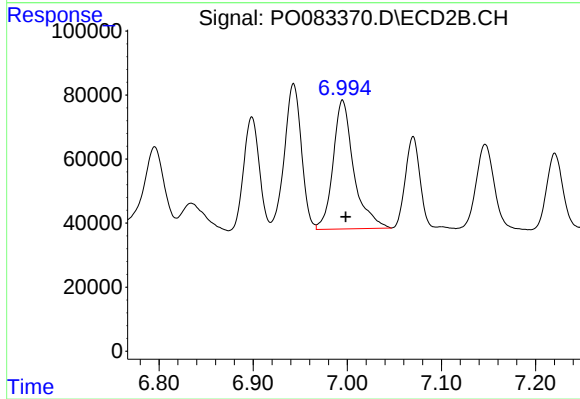
#31 AR-1260-1

R.T.: 6.795 min
Delta R.T.: -0.004 min
Response: 449876
Conc: 246.21 ng/ml



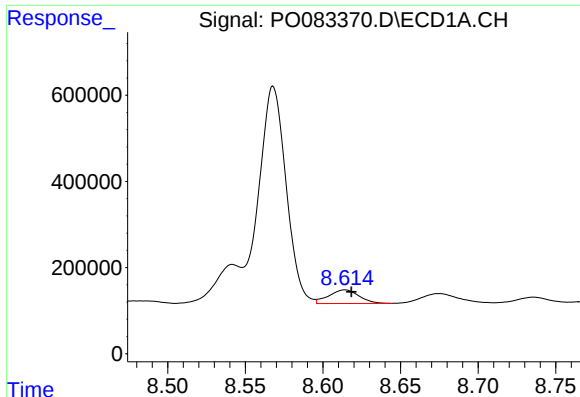
#32 AR-1260-2

R.T.: 8.248 min
Delta R.T.: -0.003 min
Response: 1750065
Conc: 466.28 ng/ml



#32 AR-1260-2

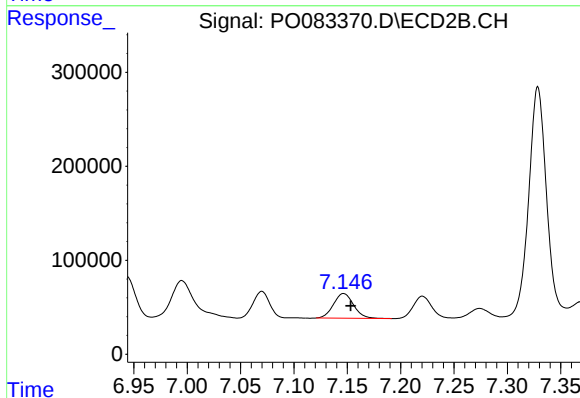
R.T.: 6.995 min
Delta R.T.: -0.004 min
Response: 614893
Conc: 256.63 ng/ml



#33 AR-1260-3

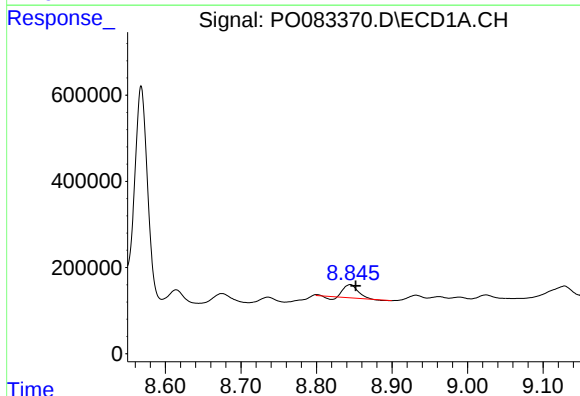
R.T.: 8.614 min
Delta R.T.: -0.004 min
Response: 428297
Conc: 149.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



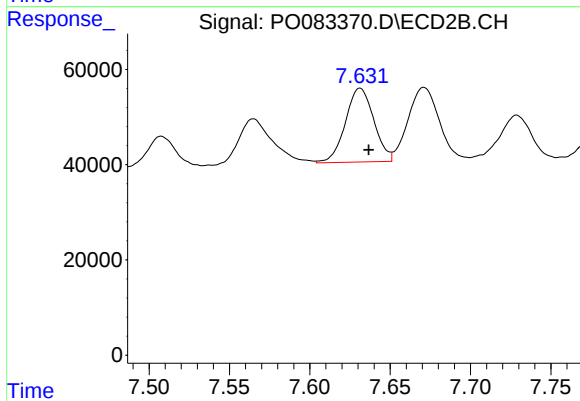
#33 AR-1260-3

R.T.: 7.147 min
Delta R.T.: -0.007 min
Response: 345394
Conc: 168.40 ng/ml



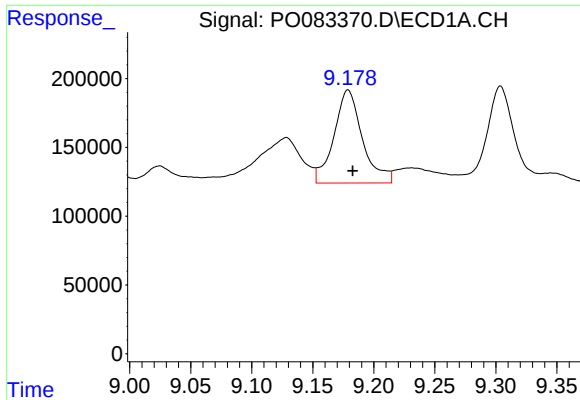
#34 AR-1260-4

R.T.: 8.845 min
Delta R.T.: -0.007 min
Response: 369969
Conc: 114.55 ng/ml



#34 AR-1260-4

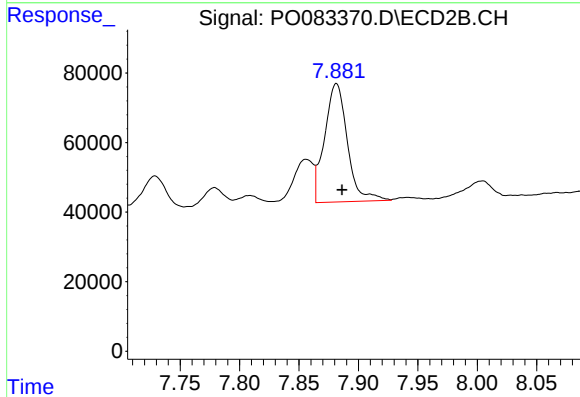
R.T.: 7.631 min
Delta R.T.: -0.005 min
Response: 191115
Conc: 108.58 ng/ml



#35 AR-1260-5

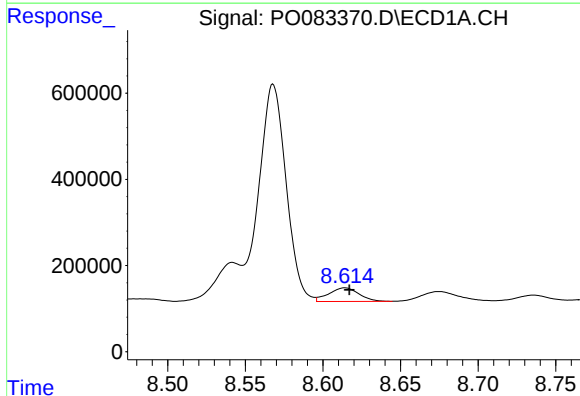
R.T.: 9.179 min
Delta R.T.: -0.004 min
Response: 1099735
Conc: 173.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



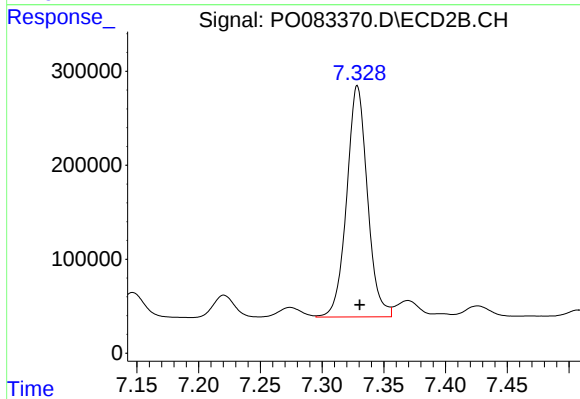
#35 AR-1260-5

R.T.: 7.881 min
Delta R.T.: -0.005 min
Response: 455348
Conc: 101.99 ng/ml



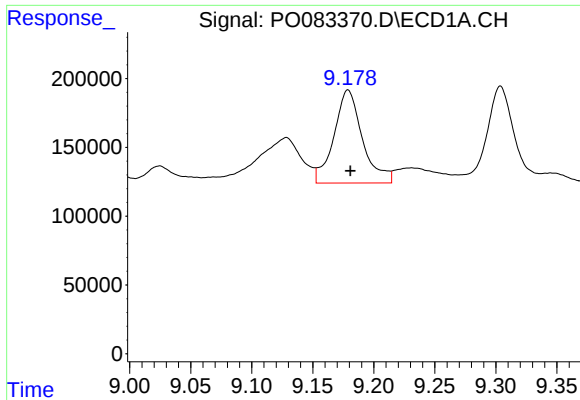
#36 AR-1262-1

R.T.: 8.614 min
Delta R.T.: -0.003 min
Response: 428297
Conc: 114.85 ng/ml



#36 AR-1262-1

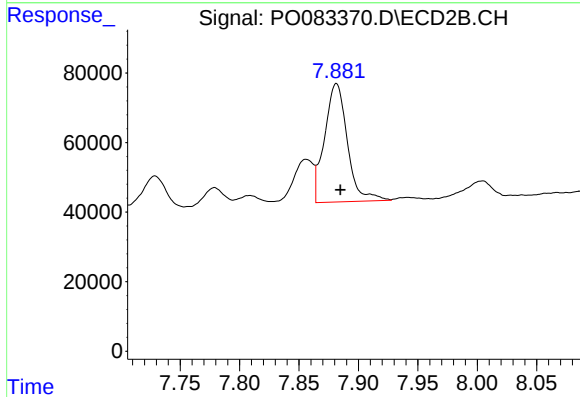
R.T.: 7.329 min
Delta R.T.: -0.002 min
Response: 2881242
Conc: 2364.86 ng/ml



#37 AR-1262-2

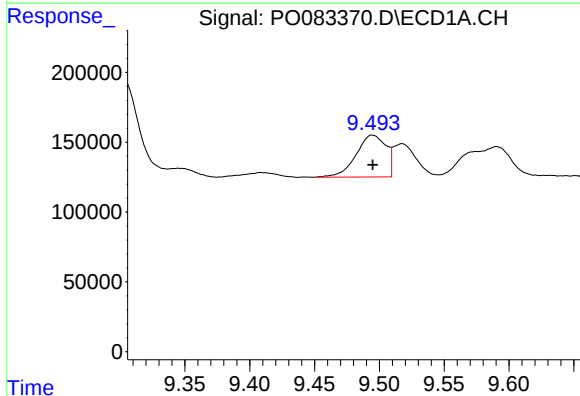
R.T.: 9.179 min
Delta R.T.: -0.002 min
Response: 1099735
Conc: 170.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



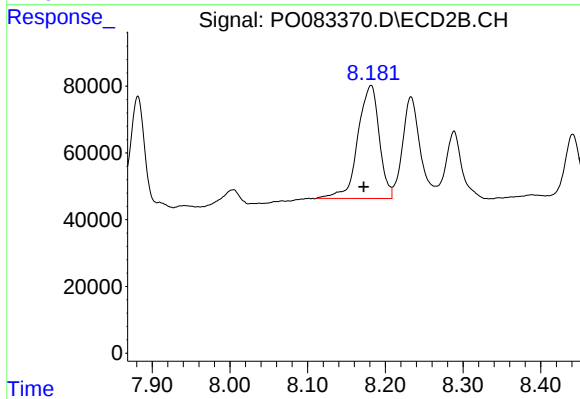
#37 AR-1262-2

R.T.: 7.881 min
Delta R.T.: -0.003 min
Response: 455348
Conc: 100.79 ng/ml



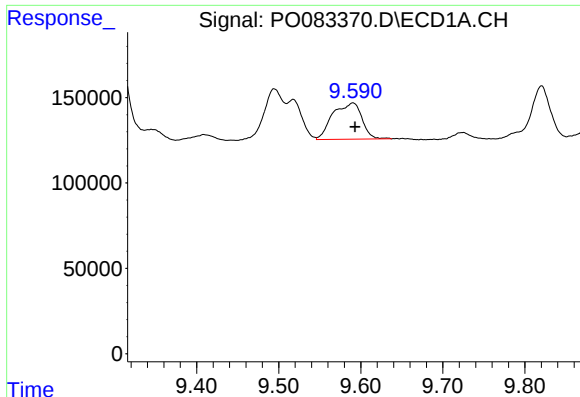
#38 AR-1262-3

R.T.: 9.495 min
Delta R.T.: 0.000 min
Response: 482080
Conc: 158.49 ng/ml



#38 AR-1262-3

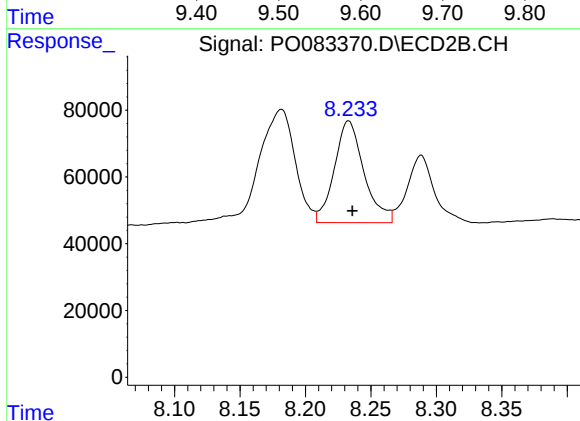
R.T.: 8.182 min
Delta R.T.: 0.010 min
Response: 650240
Conc: 347.46 ng/ml



#39 AR-1262-4

R.T.: 9.590 min
Delta R.T.: -0.003 min
Response: 525222
Conc: 277.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



#39 AR-1262-4

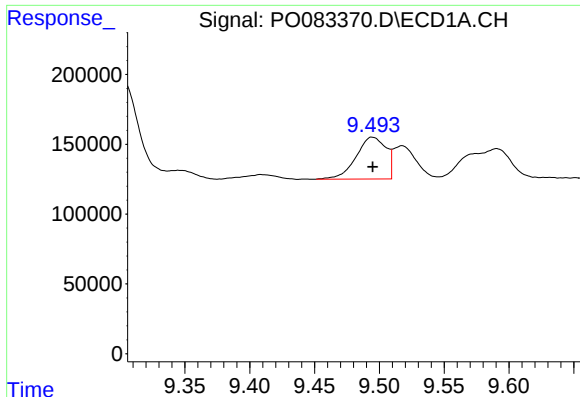
R.T.: 8.233 min
Delta R.T.: -0.003 min
Response: 481139
Conc: 151.92 ng/ml

#40 AR-1262-5

R.T.: 10.271 min
Delta R.T.: -0.003 min
Response: 290458
Conc: 116.40 ng/ml

#40 AR-1262-5

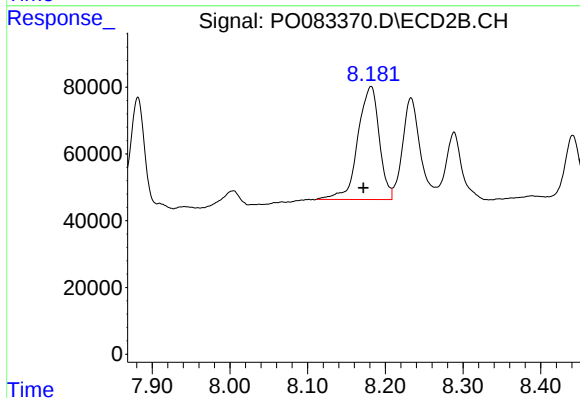
R.T.: 8.733 min
Delta R.T.: -0.003 min
Response: 113032
Conc: 76.24 ng/ml



#41 AR-1268-1

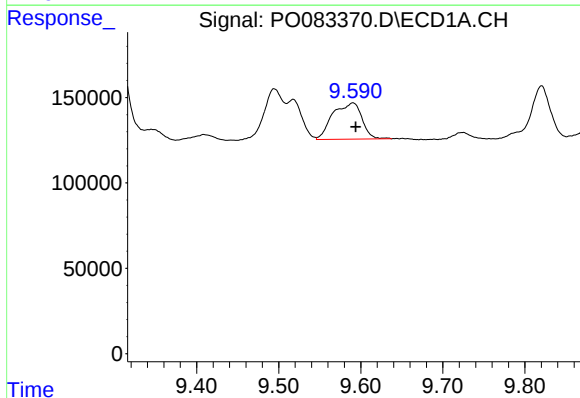
R.T.: 9.495 min
Delta R.T.: 0.000 min
Response: 482080
Conc: 58.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



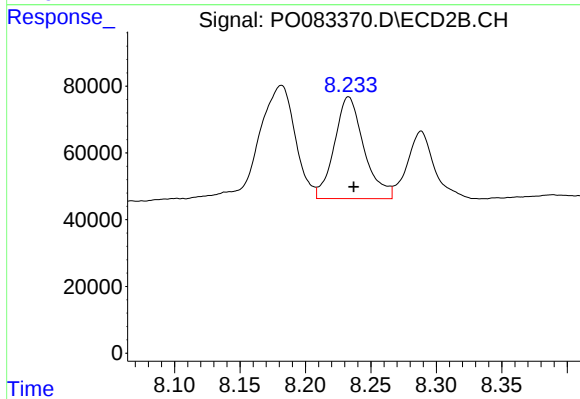
#41 AR-1268-1

R.T.: 8.182 min
Delta R.T.: 0.010 min
Response: 650240
Conc: 112.76 ng/ml



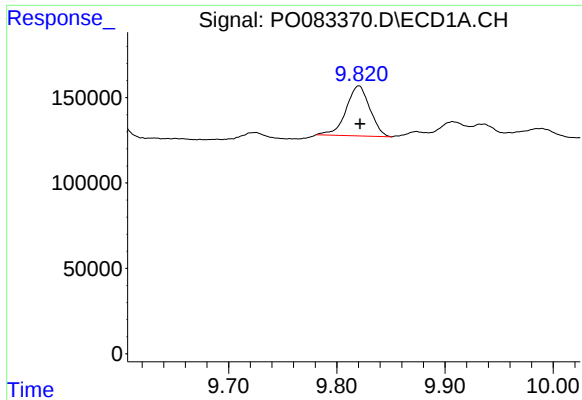
#42 AR-1268-2

R.T.: 9.590 min
Delta R.T.: -0.003 min
Response: 525222
Conc: 68.28 ng/ml



#42 AR-1268-2

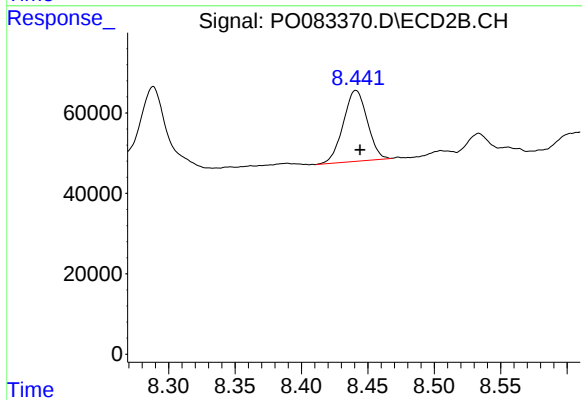
R.T.: 8.233 min
Delta R.T.: -0.004 min
Response: 481139
Conc: 100.18 ng/ml



#43 AR-1268-3

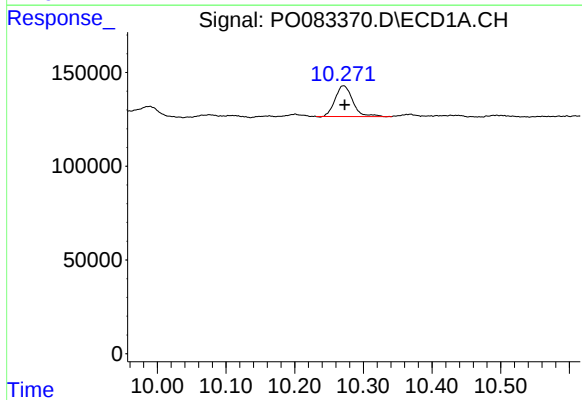
R.T.: 9.820 min
Delta R.T.: 0.000 min
Response: 445900
Conc: 67.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



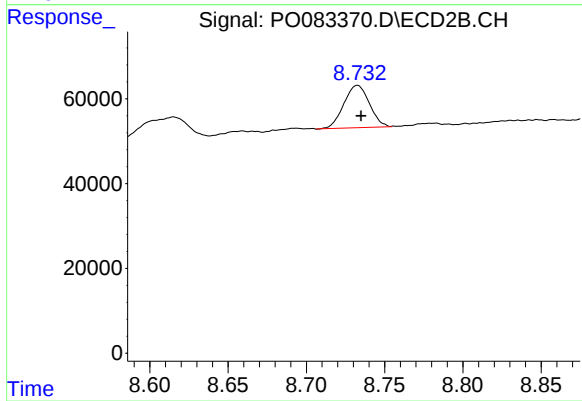
#43 AR-1268-3

R.T.: 8.441 min
Delta R.T.: -0.003 min
Response: 221450
Conc: 53.72 ng/ml



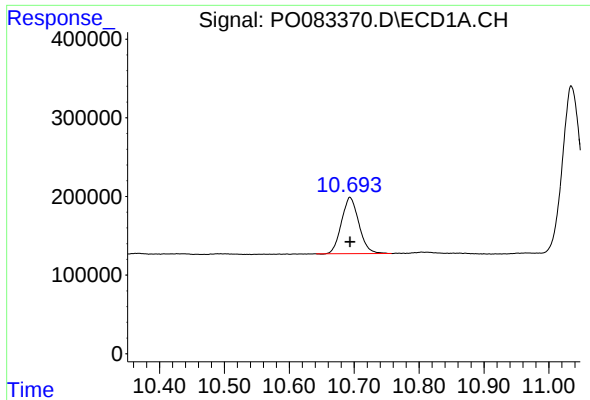
#44 AR-1268-4

R.T.: 10.271 min
Delta R.T.: -0.002 min
Response: 290458
Conc: 101.72 ng/ml



#44 AR-1268-4

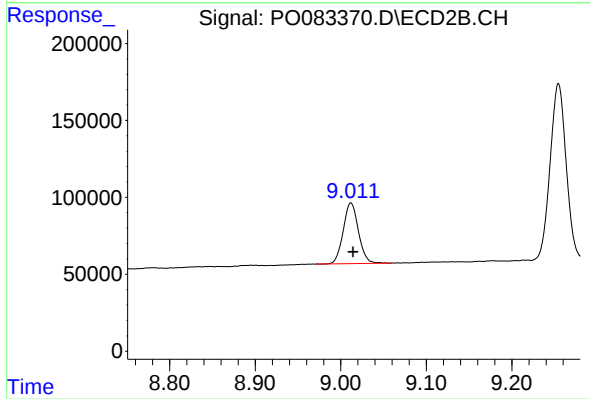
R.T.: 8.733 min
Delta R.T.: -0.002 min
Response: 113032
Conc: 66.68 ng/ml



#45 AR-1268-5

R.T.: 10.693 min
Delta R.T.: 0.000 min
Response: 1331679
Conc: 59.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.012 min
Delta R.T.: -0.003 min
Response: 487950
Conc: 41.51 ng/ml