

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP013122\
 Data File : PP043372.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 31 Jan 2022 20:43
 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 01 00:31:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 25 03:09:04 2022
 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...	4.862	4.031	1096422	1064225	47.700	47.761
2)	SA Decachlor...	10.774	9.353	526199	928699	37.152	49.815 #
Target Compounds							
3)	L1 AR-1016-1	6.164	5.293	307851	413370	468.150	455.846
4)	L1 AR-1016-2	6.187	5.313	477979	596553	467.931	462.503
5)	L1 AR-1016-3	6.253	5.507	292926	335314	460.212	470.221
6)	L1 AR-1016-4	6.357	5.557	222517	269180	452.681	487.769
7)	L1 AR-1016-5	6.673	5.788	228769	322121	455.635	481.268
8)	L2 AR-1221-1	5.100	4.288	35035	40277	140.291	135.059
9)	L2 AR-1221-2	5.203	4.390	53877	65586	280.967	272.733
10)	L2 AR-1221-3	5.288	4.479	202697	234662	318.412	327.003
11)	L3 AR-1232-1	5.288	4.479	202697	234662	385.011	399.280
12)	L3 AR-1232-2	5.872	5.313	278280	596553	1109.558	1041.652
13)	L3 AR-1232-3	6.187	5.507	477979	335314	1115.159	1123.132
14)	L3 AR-1232-4	6.357	5.602	222517	323663	1100.131	1340.934
15)	L3 AR-1232-5	6.459	5.788	197117	322121	1422.340	1167.032
16)	L4 AR-1242-1	6.164	5.293	307851	413370	602.785	559.115
17)	L4 AR-1242-2	6.187	5.313	477979	596553	599.762	574.765
18)	L4 AR-1242-3	6.253	5.507	292926	335314	603.081	582.400
19)	L4 AR-1242-4	6.357	5.602	222517	323663	567.423	647.467
20)	L4 AR-1242-5	7.137	6.168	30512	255419	83.607	399.496 #
21)	L5 AR-1248-1	6.164	5.293	307851	413370	785.224	755.182
22)	L5 AR-1248-2	6.459	5.557	197117	269180	362.246	353.703
23)	L5 AR-1248-3	6.673	5.602	228769	323663	352.094	423.894
24)	L5 AR-1248-4	7.096	5.788	34405	322121	55.316	351.427 #
25)	L5 AR-1248-5	7.137	6.212	30512	46033	50.190	52.108
26)	L6 AR-1254-1	7.069	6.168	160227	255419	223.883	180.126
27)	L6 AR-1254-2	7.297	6.327	170110	232513	161.784	188.053
28)	L6 AR-1254-3	7.676	6.767	94260	430238	87.642	223.876 #
29)	L6 AR-1254-4	7.969	6.991	62971	62265	89.335	56.323 #
30)	L6 AR-1254-5	8.395	7.420	538695	710775	666.924	460.123 #
31)	L7 AR-1260-1	7.844	6.887	411684	582129	533.337	497.616
32)	L7 AR-1260-2	8.108	7.083	459228	678683	539.398	515.977
33)	L7 AR-1260-3	8.474	7.240	364590	585374	552.827	470.252
34)	L7 AR-1260-4	8.702	7.723	422195	507363	552.189	517.234
35)	L7 AR-1260-5	9.017	7.972	755630	1111851	572.233	502.448
36)	L8 AR-1262-1	8.474	7.420	364590	710775	367.019	848.761 #
37)	L8 AR-1262-2	9.017	7.723	755630	507363	491.615	366.091 #
38)	L8 AR-1262-3	9.335	8.258	434655	259292	392.354	244.563 #
39)	L8 AR-1262-4	9.411f	8.322	144573	817929	276.908	434.591 #
40)	L8 AR-1262-5	10.050f	8.822	234649	304629	418.766	343.715
41)	L9 AR-1268-1	9.335	8.258	434655	259292	227.658	89.629 #

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 ALS Vial : 3 Sample Multiplier: 1

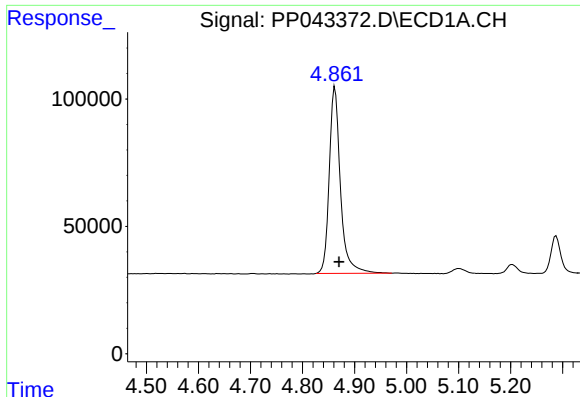
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
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 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	9.411f	8.322	144573	817929	80.857	306.104 #
43) L9	AR-1268-3	9.633f	8.530	10829	15407	6.697	6.710
44) L9	AR-1268-4	10.050f	8.822	234649	304629	389.244	322.610
45) L9	AR-1268-5	10.448f	9.106	64676	72375	12.776	10.685

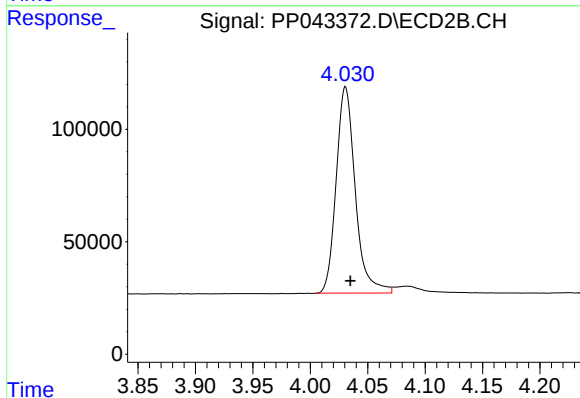
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

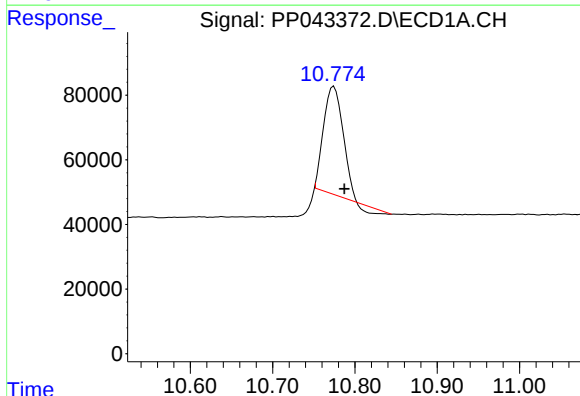
R.T.: 4.862 min
Delta R.T.: -0.008 min
Response: 1096422
Conc: 47.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



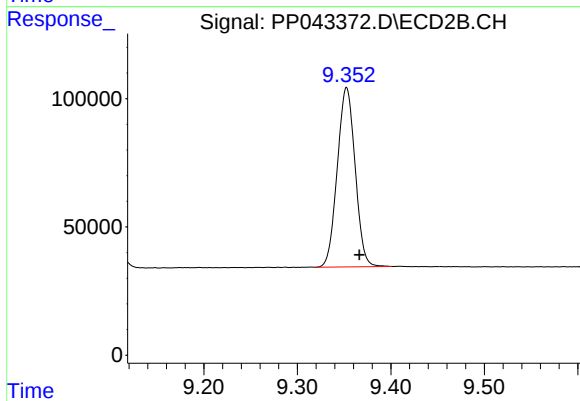
#1 Tetrachloro-m-xylene

R.T.: 4.031 min
Delta R.T.: -0.004 min
Response: 1064225
Conc: 47.76 ng/ml



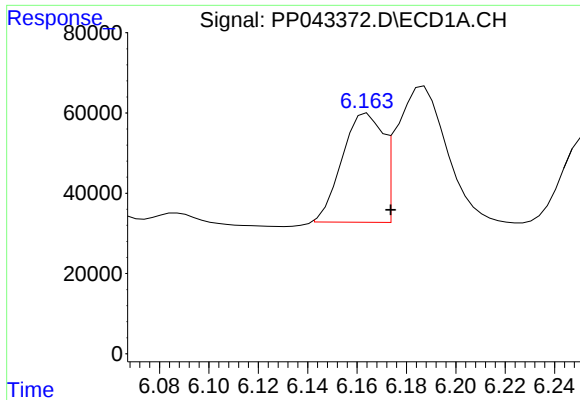
#2 Decachlorobiphenyl

R.T.: 10.774 min
Delta R.T.: -0.013 min
Response: 526199
Conc: 37.15 ng/ml



#2 Decachlorobiphenyl

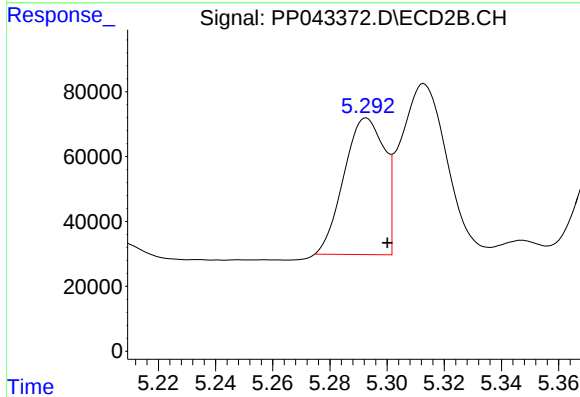
R.T.: 9.353 min
Delta R.T.: -0.014 min
Response: 928699
Conc: 49.81 ng/ml



#3 AR-1016-1

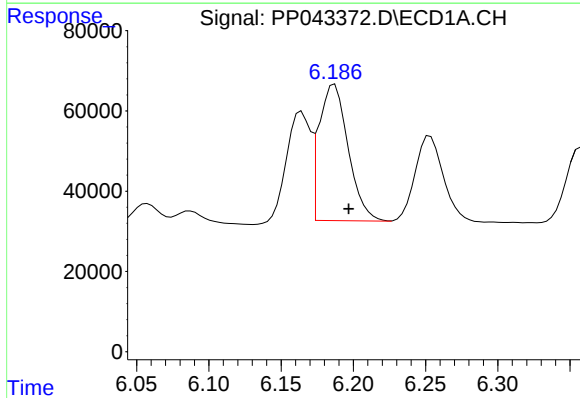
R.T.: 6.164 min
Delta R.T.: -0.009 min
Response: 307851
Conc: 468.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



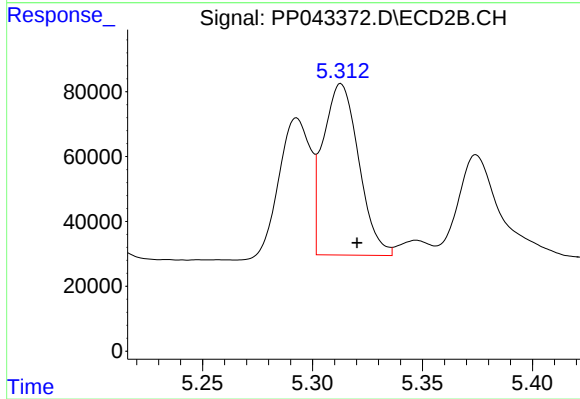
#3 AR-1016-1

R.T.: 5.293 min
Delta R.T.: -0.007 min
Response: 413370
Conc: 455.85 ng/ml



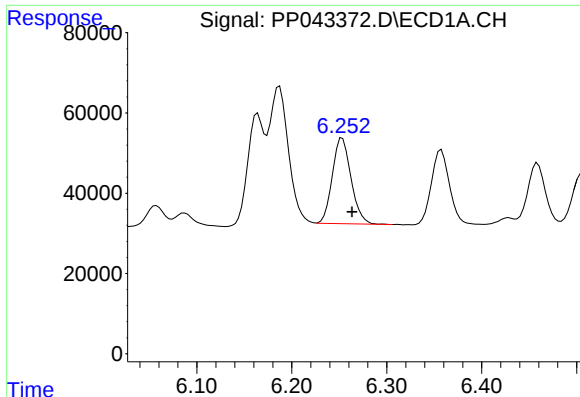
#4 AR-1016-2

R.T.: 6.187 min
Delta R.T.: -0.010 min
Response: 477979
Conc: 467.93 ng/ml



#4 AR-1016-2

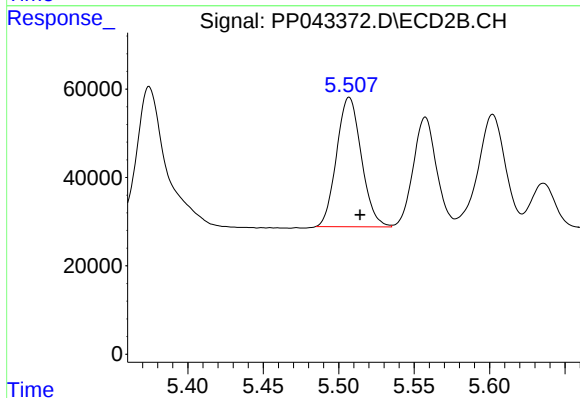
R.T.: 5.313 min
Delta R.T.: -0.007 min
Response: 596553
Conc: 462.50 ng/ml



#5 AR-1016-3

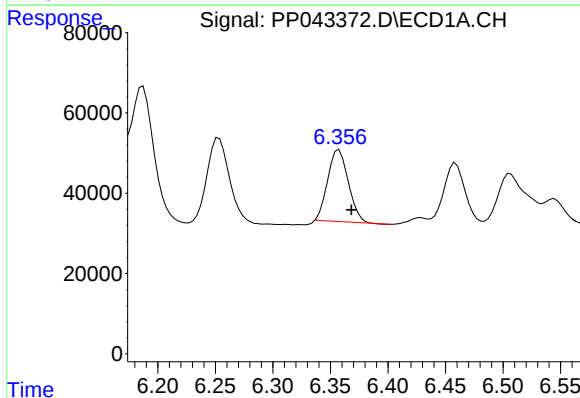
R.T.: 6.253 min
Delta R.T.: -0.010 min
Response: 292926
Conc: 460.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



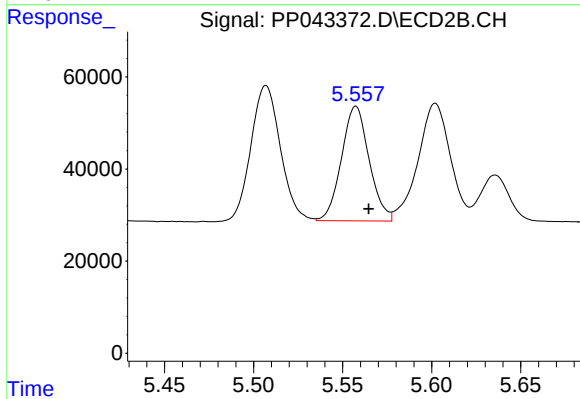
#5 AR-1016-3

R.T.: 5.507 min
Delta R.T.: -0.007 min
Response: 335314
Conc: 470.22 ng/ml



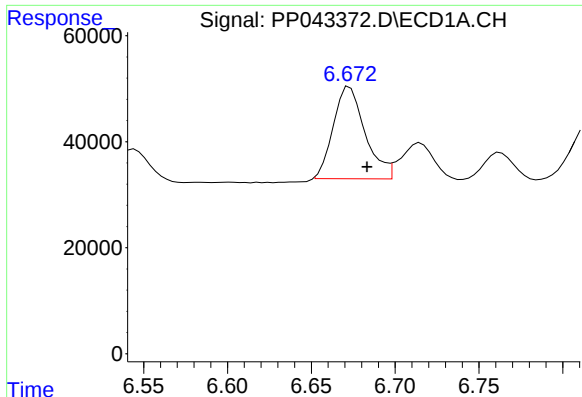
#6 AR-1016-4

R.T.: 6.357 min
Delta R.T.: -0.011 min
Response: 222517
Conc: 452.68 ng/ml



#6 AR-1016-4

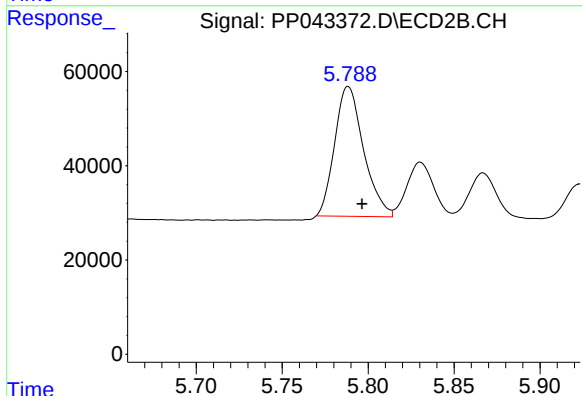
R.T.: 5.557 min
Delta R.T.: -0.007 min
Response: 269180
Conc: 487.77 ng/ml



#7 AR-1016-5

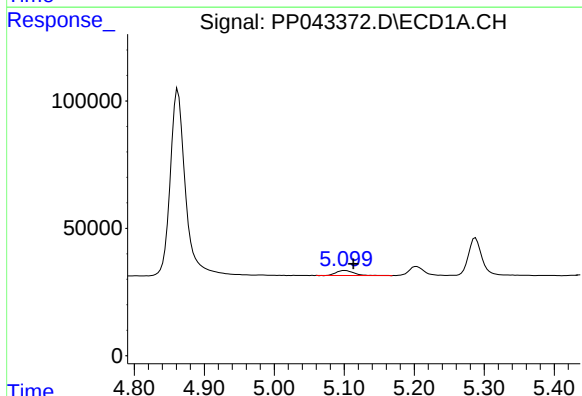
R.T.: 6.673 min
Delta R.T.: -0.010 min
Response: 228769
Conc: 455.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



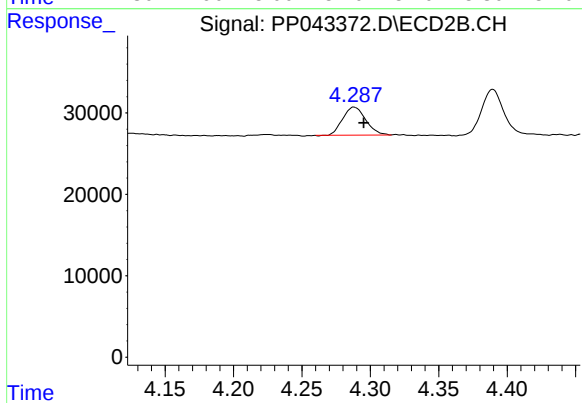
#7 AR-1016-5

R.T.: 5.788 min
Delta R.T.: -0.008 min
Response: 322121
Conc: 481.27 ng/ml



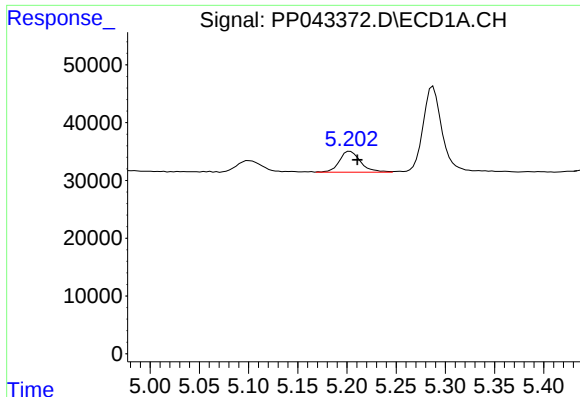
#8 AR-1221-1

R.T.: 5.100 min
Delta R.T.: -0.012 min
Response: 35035
Conc: 140.29 ng/ml



#8 AR-1221-1

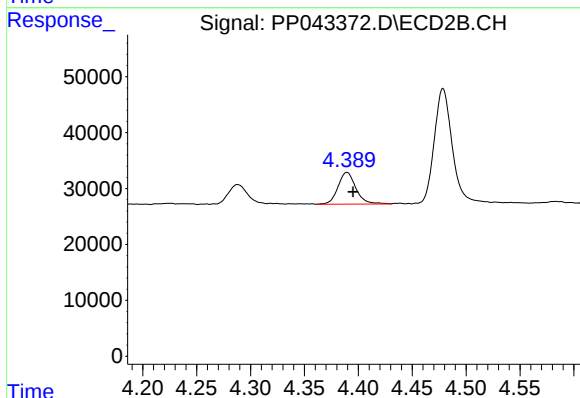
R.T.: 4.288 min
Delta R.T.: -0.007 min
Response: 40277
Conc: 135.06 ng/ml



#9 AR-1221-2

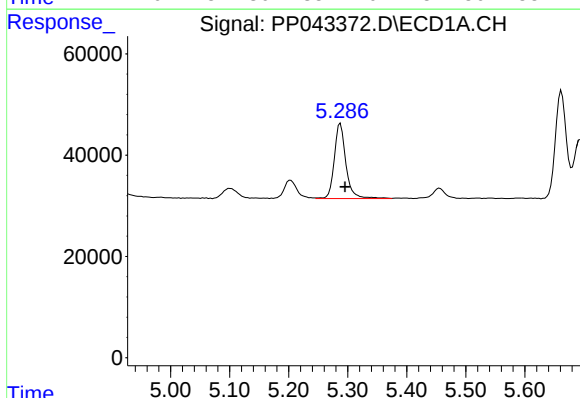
R.T.: 5.203 min
Delta R.T.: -0.007 min
Response: 53877
Conc: 280.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



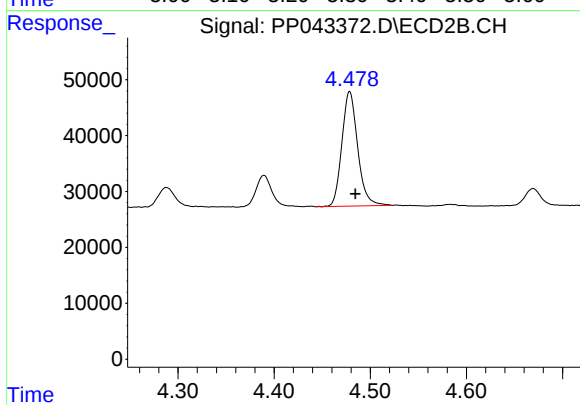
#9 AR-1221-2

R.T.: 4.390 min
Delta R.T.: -0.006 min
Response: 65586
Conc: 272.73 ng/ml



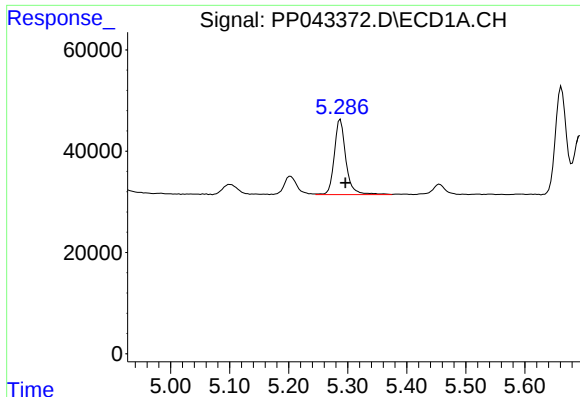
#10 AR-1221-3

R.T.: 5.288 min
Delta R.T.: -0.008 min
Response: 202697
Conc: 318.41 ng/ml



#10 AR-1221-3

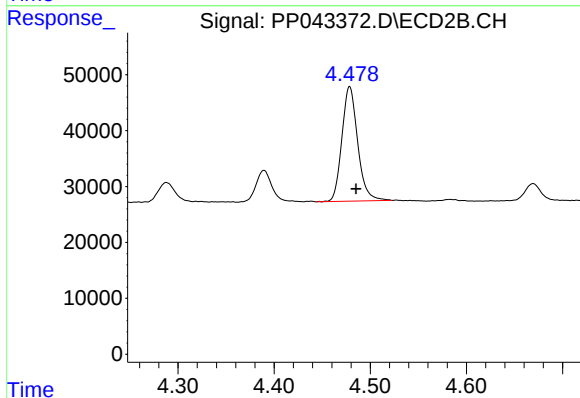
R.T.: 4.479 min
Delta R.T.: -0.006 min
Response: 234662
Conc: 327.00 ng/ml



#11 AR-1232-1

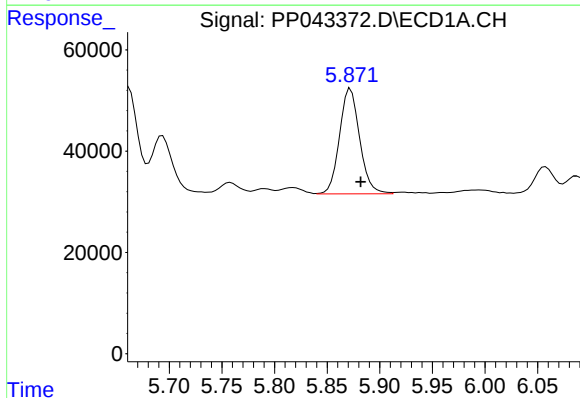
R.T.: 5.288 min
Delta R.T.: -0.009 min
Response: 202697
Conc: 385.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



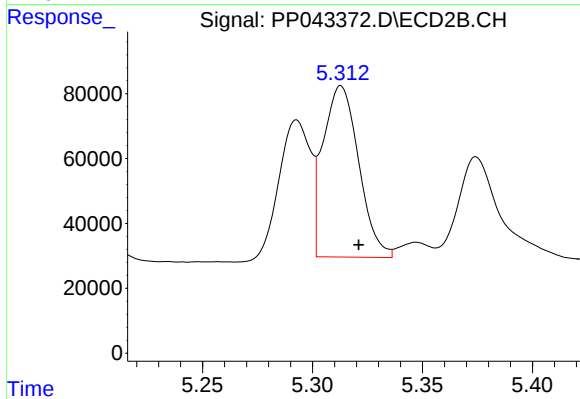
#11 AR-1232-1

R.T.: 4.479 min
Delta R.T.: -0.006 min
Response: 234662
Conc: 399.28 ng/ml



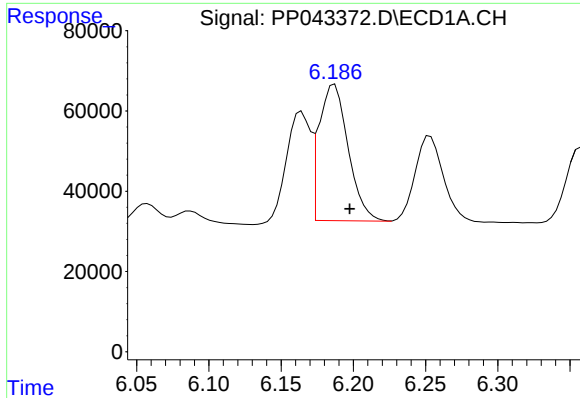
#12 AR-1232-2

R.T.: 5.872 min
Delta R.T.: -0.009 min
Response: 278280
Conc: 1109.56 ng/ml



#12 AR-1232-2

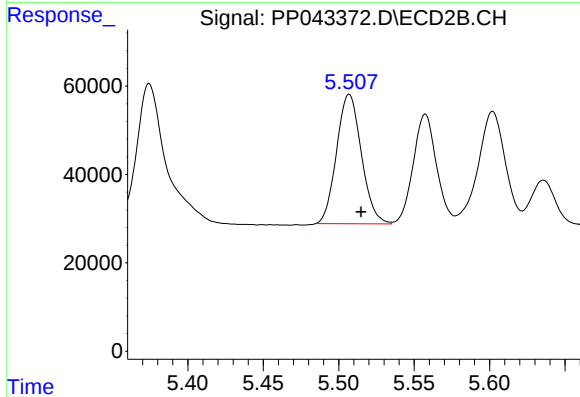
R.T.: 5.313 min
Delta R.T.: -0.008 min
Response: 596553
Conc: 1041.65 ng/ml



#13 AR-1232-3

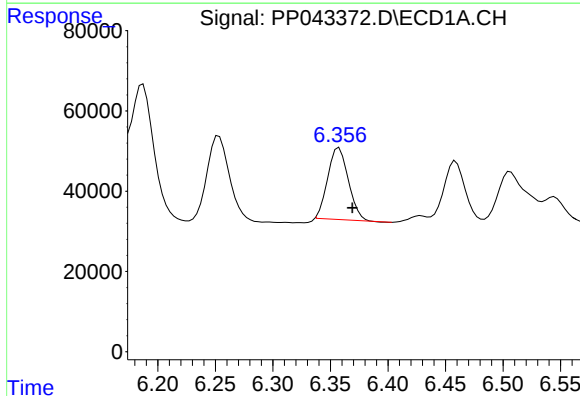
R.T.: 6.187 min
Delta R.T.: -0.011 min
Response: 477979
Conc: 1115.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



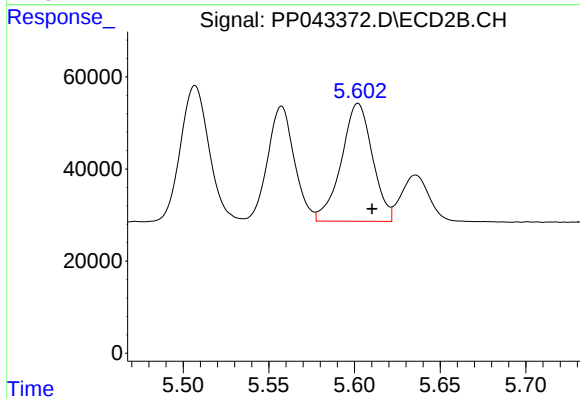
#13 AR-1232-3

R.T.: 5.507 min
Delta R.T.: -0.008 min
Response: 335314
Conc: 1123.13 ng/ml



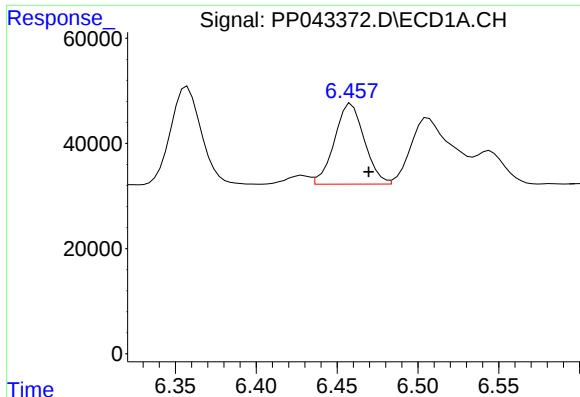
#14 AR-1232-4

R.T.: 6.357 min
Delta R.T.: -0.011 min
Response: 222517
Conc: 1100.13 ng/ml



#14 AR-1232-4

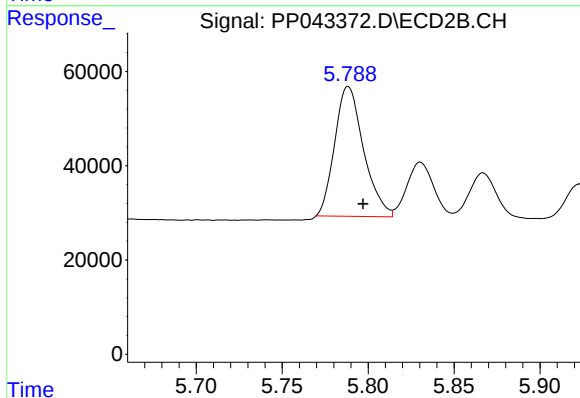
R.T.: 5.602 min
Delta R.T.: -0.008 min
Response: 323663
Conc: 1340.93 ng/ml



#15 AR-1232-5

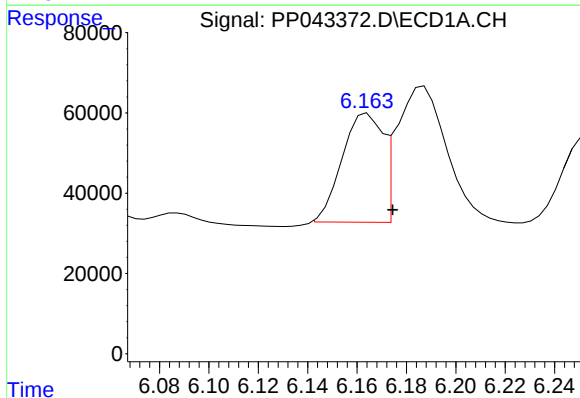
R.T.: 6.459 min
Delta R.T.: -0.011 min
Response: 197117
Conc: 1422.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



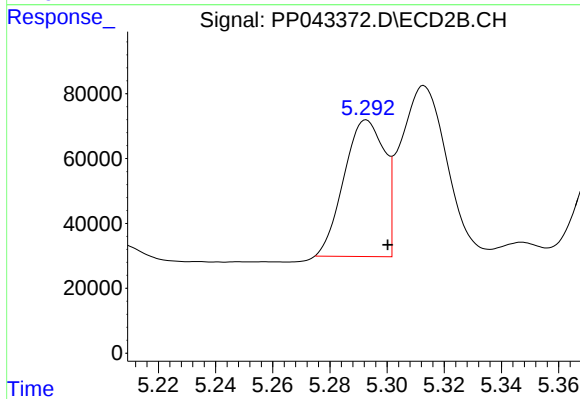
#15 AR-1232-5

R.T.: 5.788 min
Delta R.T.: -0.009 min
Response: 322121
Conc: 1167.03 ng/ml



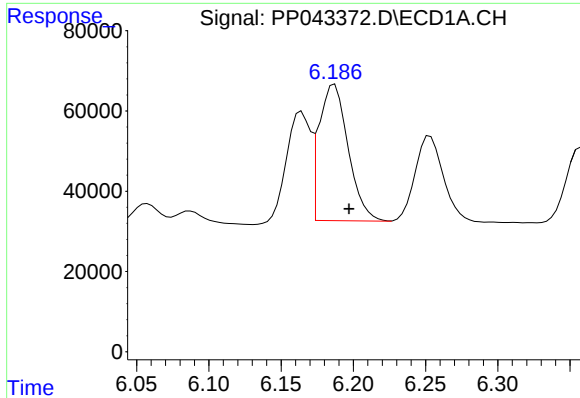
#16 AR-1242-1

R.T.: 6.164 min
Delta R.T.: -0.010 min
Response: 307851
Conc: 602.78 ng/ml



#16 AR-1242-1

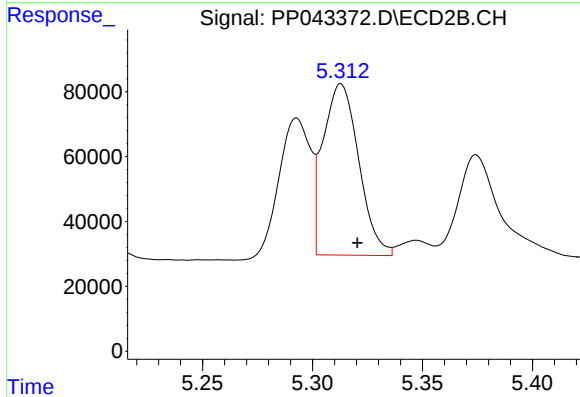
R.T.: 5.293 min
Delta R.T.: -0.007 min
Response: 413370
Conc: 559.11 ng/ml



#17 AR-1242-2

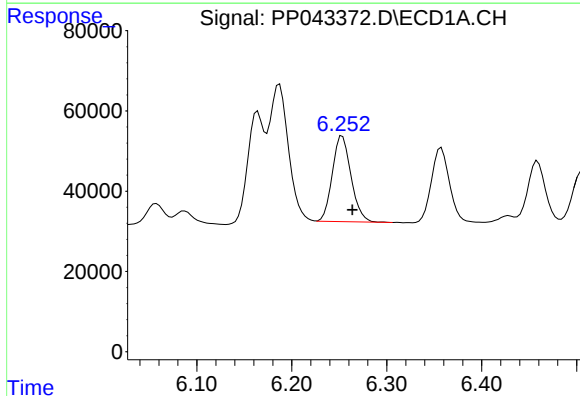
R.T.: 6.187 min
Delta R.T.: -0.010 min
Response: 477979
Conc: 599.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



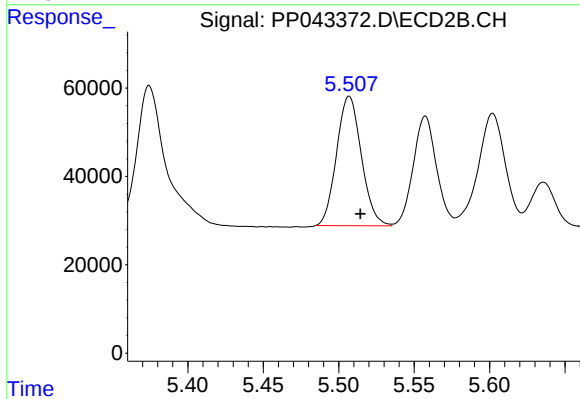
#17 AR-1242-2

R.T.: 5.313 min
Delta R.T.: -0.008 min
Response: 596553
Conc: 574.76 ng/ml



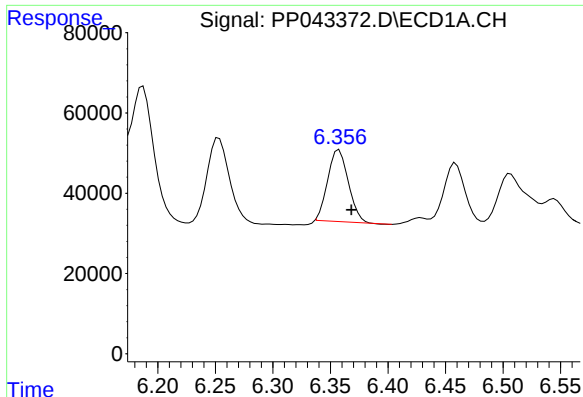
#18 AR-1242-3

R.T.: 6.253 min
Delta R.T.: -0.011 min
Response: 292926
Conc: 603.08 ng/ml



#18 AR-1242-3

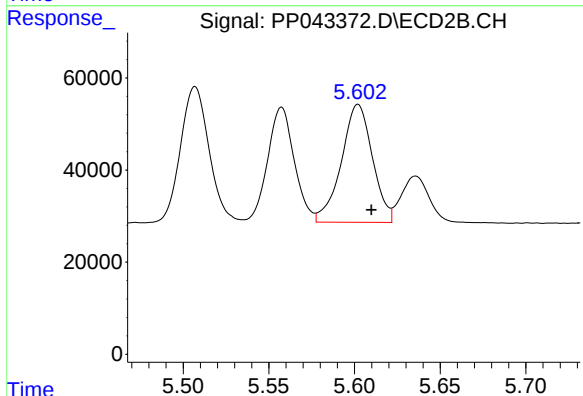
R.T.: 5.507 min
Delta R.T.: -0.007 min
Response: 335314
Conc: 582.40 ng/ml



#19 AR-1242-4

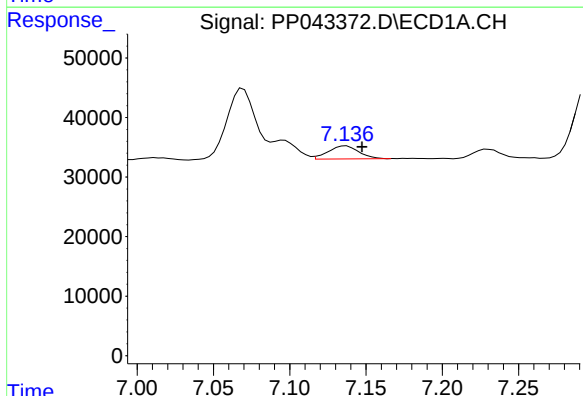
R.T.: 6.357 min
Delta R.T.: -0.011 min
Response: 222517
Conc: 567.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



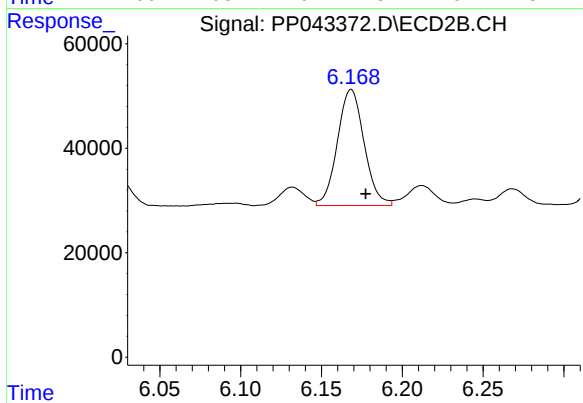
#19 AR-1242-4

R.T.: 5.602 min
Delta R.T.: -0.008 min
Response: 323663
Conc: 647.47 ng/ml



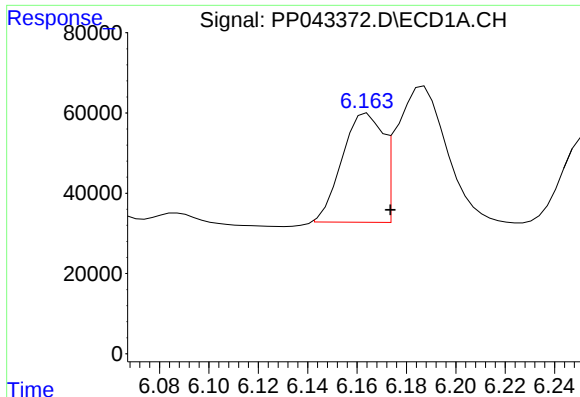
#20 AR-1242-5

R.T.: 7.137 min
Delta R.T.: -0.011 min
Response: 30512
Conc: 83.61 ng/ml



#20 AR-1242-5

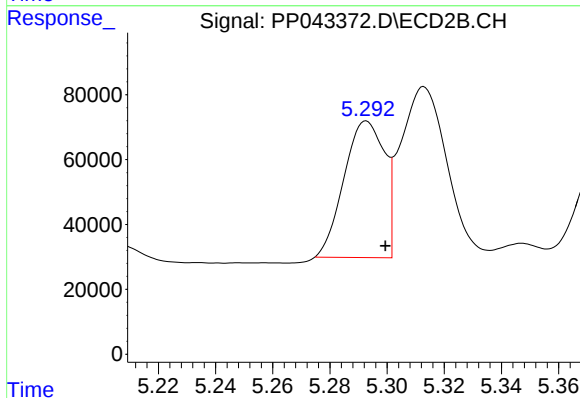
R.T.: 6.168 min
Delta R.T.: -0.009 min
Response: 255419
Conc: 399.50 ng/ml



#21 AR-1248-1

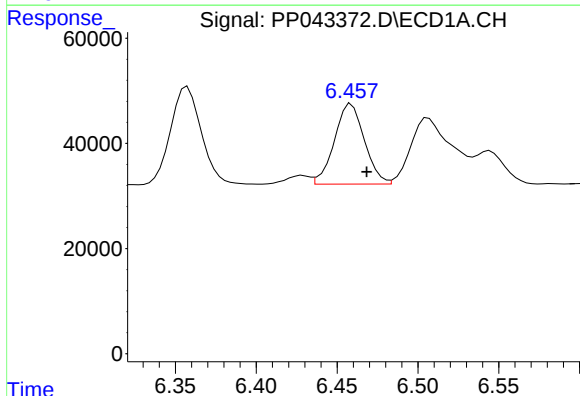
R.T.: 6.164 min
Delta R.T.: -0.009 min
Response: 307851
Conc: 785.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



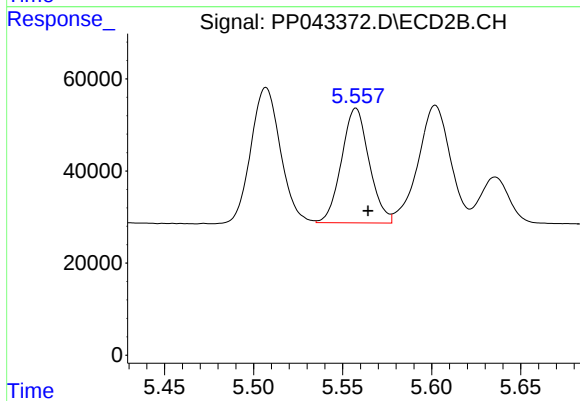
#21 AR-1248-1

R.T.: 5.293 min
Delta R.T.: -0.007 min
Response: 413370
Conc: 755.18 ng/ml



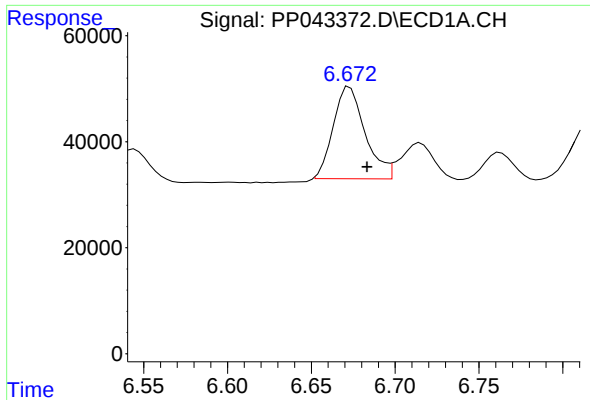
#22 AR-1248-2

R.T.: 6.459 min
Delta R.T.: -0.010 min
Response: 197117
Conc: 362.25 ng/ml



#22 AR-1248-2

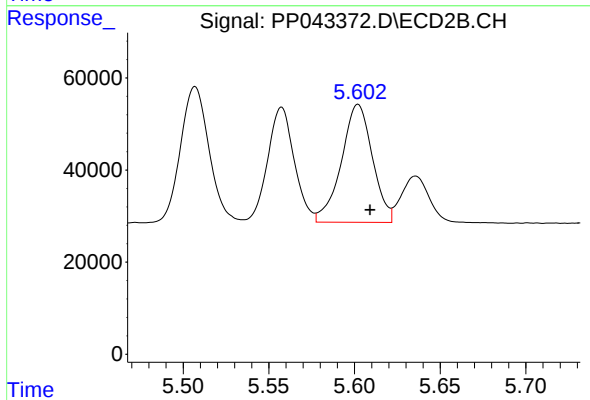
R.T.: 5.557 min
Delta R.T.: -0.007 min
Response: 269180
Conc: 353.70 ng/ml



#23 AR-1248-3

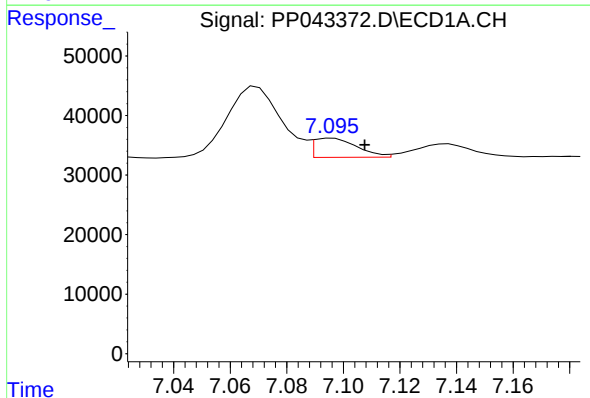
R.T.: 6.673 min
Delta R.T.: -0.010 min
Response: 228769
Conc: 352.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



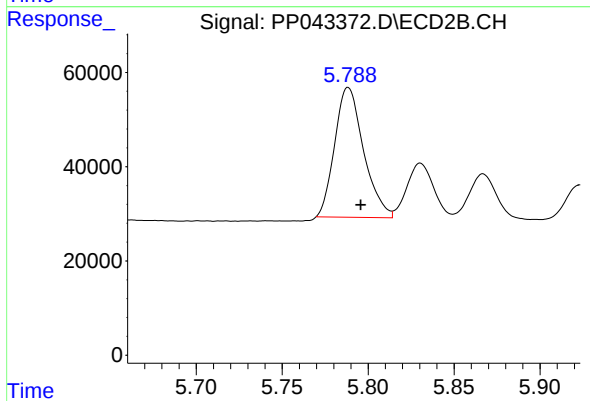
#23 AR-1248-3

R.T.: 5.602 min
Delta R.T.: -0.007 min
Response: 323663
Conc: 423.89 ng/ml



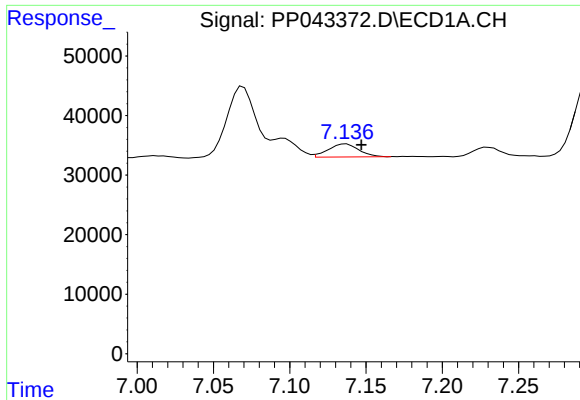
#24 AR-1248-4

R.T.: 7.096 min
Delta R.T.: -0.011 min
Response: 34405
Conc: 55.32 ng/ml



#24 AR-1248-4

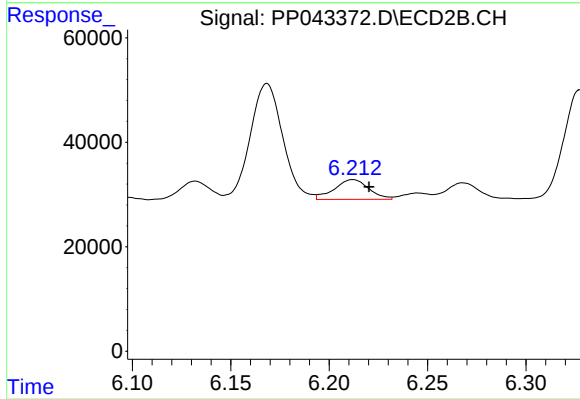
R.T.: 5.788 min
Delta R.T.: -0.007 min
Response: 322121
Conc: 351.43 ng/ml



#25 AR-1248-5

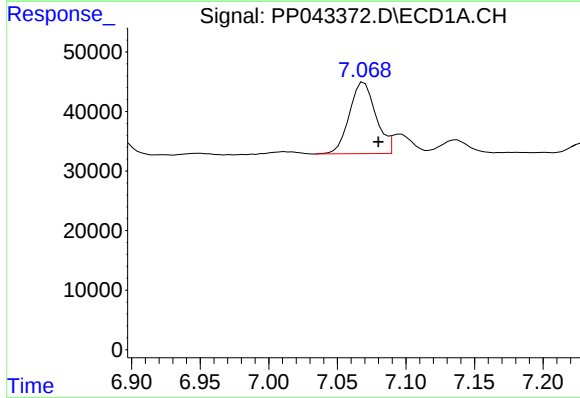
R.T.: 7.137 min
Delta R.T.: -0.010 min
Response: 30512
Conc: 50.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



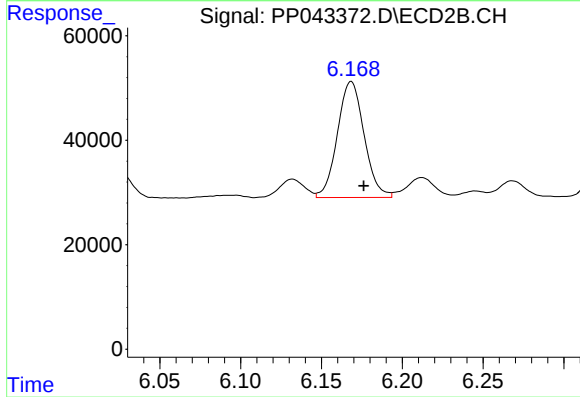
#25 AR-1248-5

R.T.: 6.212 min
Delta R.T.: -0.008 min
Response: 46033
Conc: 52.11 ng/ml



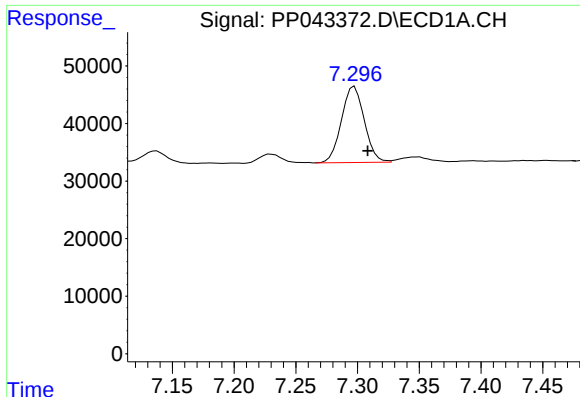
#26 AR-1254-1

R.T.: 7.069 min
Delta R.T.: -0.010 min
Response: 160227
Conc: 223.88 ng/ml



#26 AR-1254-1

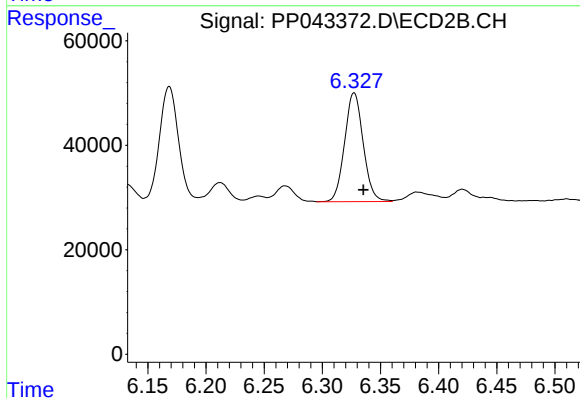
R.T.: 6.168 min
Delta R.T.: -0.008 min
Response: 255419
Conc: 180.13 ng/ml



#27 AR-1254-2

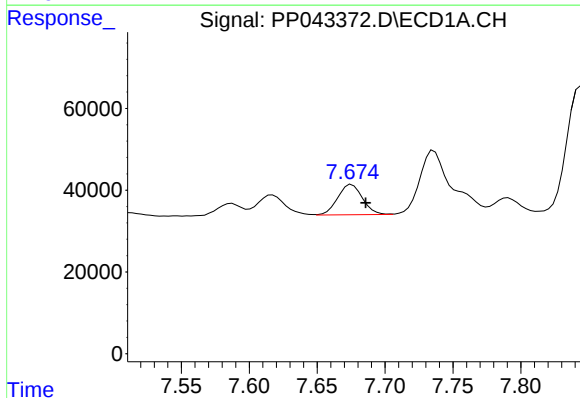
R.T.: 7.297 min
Delta R.T.: -0.011 min
Response: 170110
Conc: 161.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



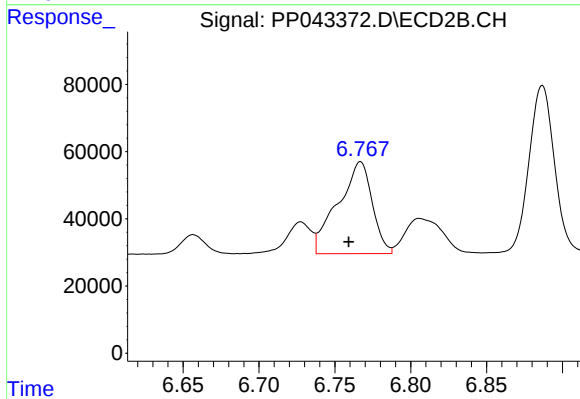
#27 AR-1254-2

R.T.: 6.327 min
Delta R.T.: -0.008 min
Response: 232513
Conc: 188.05 ng/ml



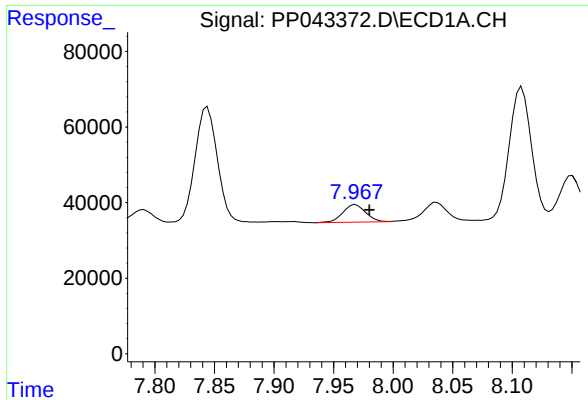
#28 AR-1254-3

R.T.: 7.676 min
Delta R.T.: -0.010 min
Response: 94260
Conc: 87.64 ng/ml



#28 AR-1254-3

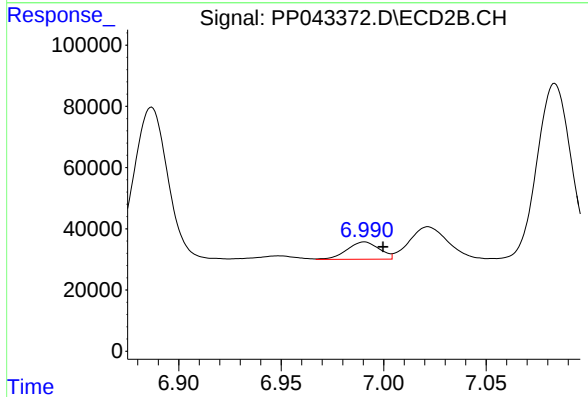
R.T.: 6.767 min
Delta R.T.: 0.008 min
Response: 430238
Conc: 223.88 ng/ml



#29 AR-1254-4

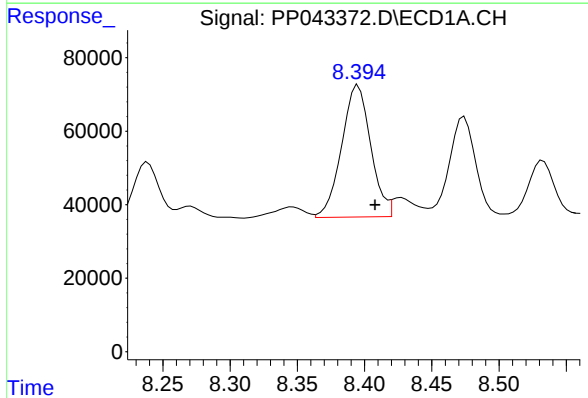
R.T.: 7.969 min
Delta R.T.: -0.012 min
Response: 62971
Conc: 89.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



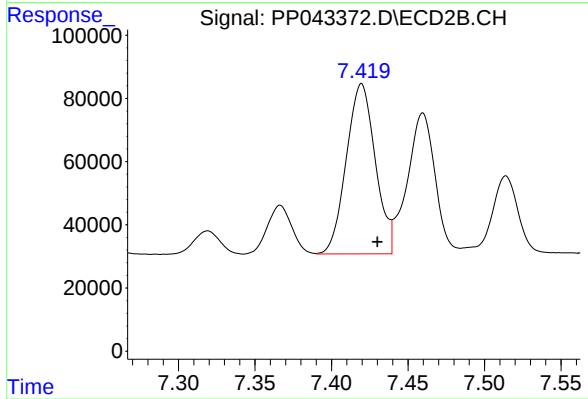
#29 AR-1254-4

R.T.: 6.991 min
Delta R.T.: -0.009 min
Response: 62265
Conc: 56.32 ng/ml



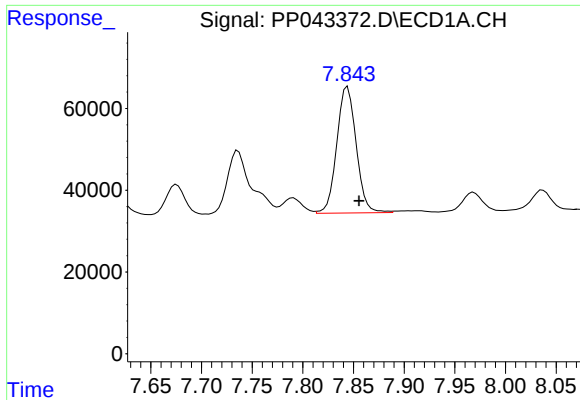
#30 AR-1254-5

R.T.: 8.395 min
Delta R.T.: -0.013 min
Response: 538695
Conc: 666.92 ng/ml



#30 AR-1254-5

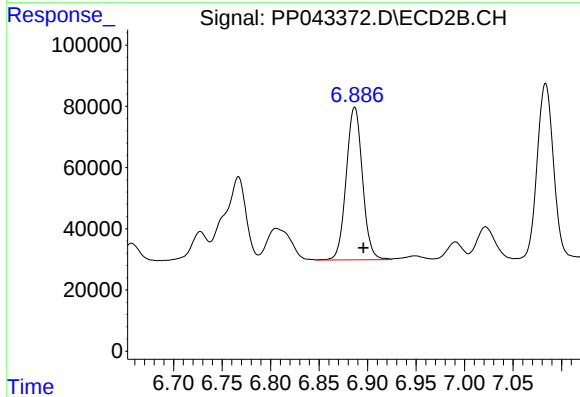
R.T.: 7.420 min
Delta R.T.: -0.010 min
Response: 710775
Conc: 460.12 ng/ml



#31 AR-1260-1

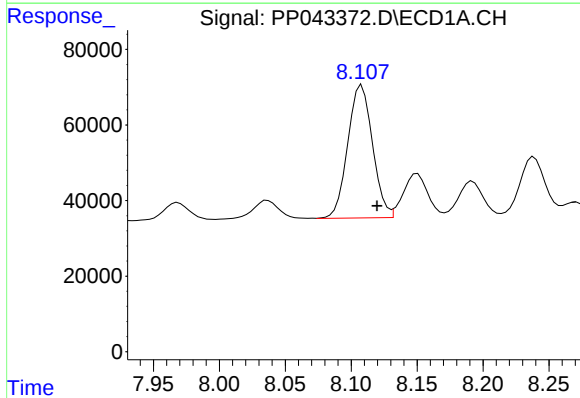
R.T.: 7.844 min
Delta R.T.: -0.011 min
Response: 411684
Conc: 533.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



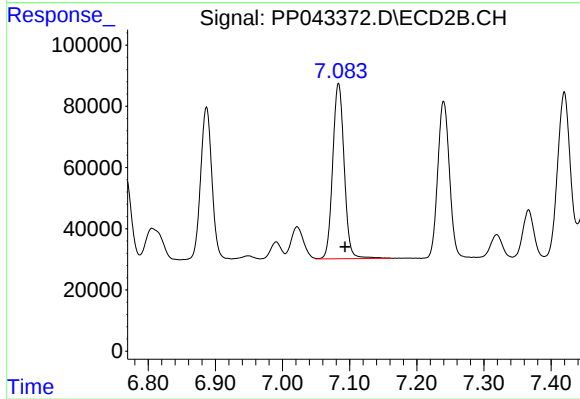
#31 AR-1260-1

R.T.: 6.887 min
Delta R.T.: -0.009 min
Response: 582129
Conc: 497.62 ng/ml



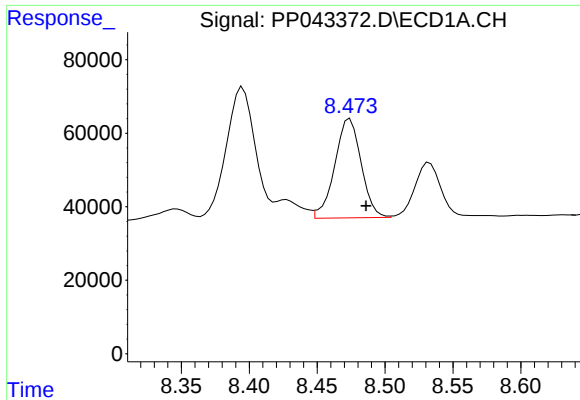
#32 AR-1260-2

R.T.: 8.108 min
Delta R.T.: -0.012 min
Response: 459228
Conc: 539.40 ng/ml



#32 AR-1260-2

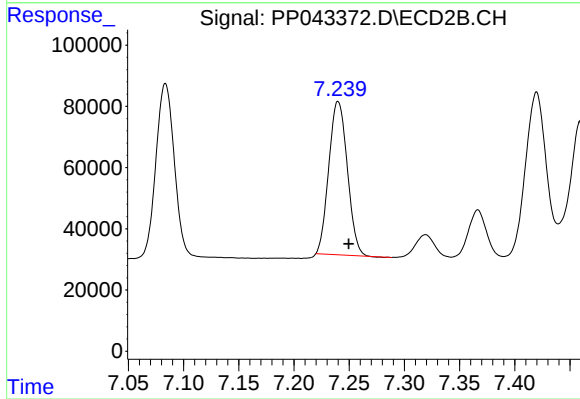
R.T.: 7.083 min
Delta R.T.: -0.009 min
Response: 678683
Conc: 515.98 ng/ml



#33 AR-1260-3

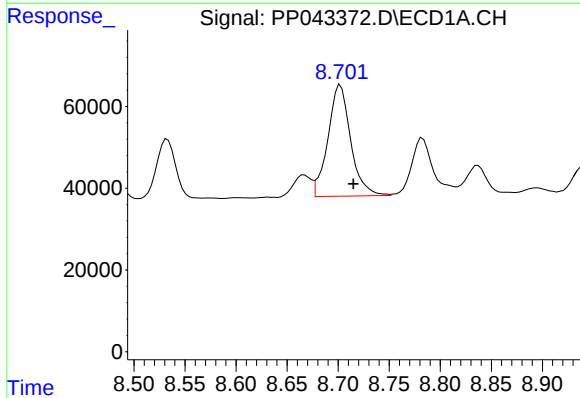
R.T.: 8.474 min
Delta R.T.: -0.012 min
Response: 364590
Conc: 552.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



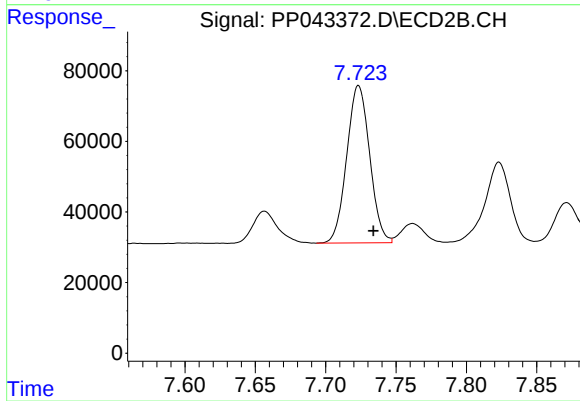
#33 AR-1260-3

R.T.: 7.240 min
Delta R.T.: -0.010 min
Response: 585374
Conc: 470.25 ng/ml



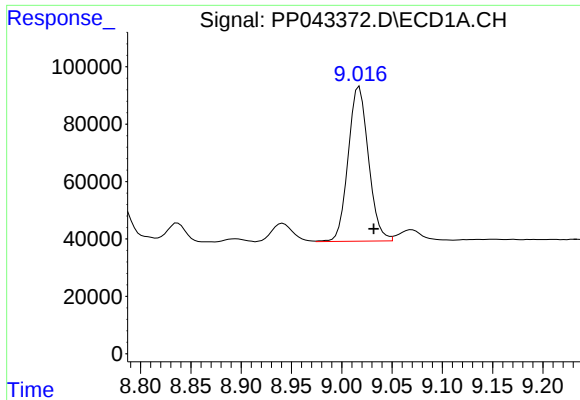
#34 AR-1260-4

R.T.: 8.702 min
Delta R.T.: -0.013 min
Response: 422195
Conc: 552.19 ng/ml



#34 AR-1260-4

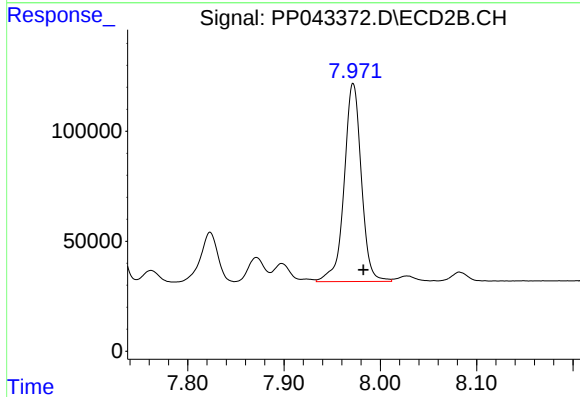
R.T.: 7.723 min
Delta R.T.: -0.011 min
Response: 507363
Conc: 517.23 ng/ml



#35 AR-1260-5

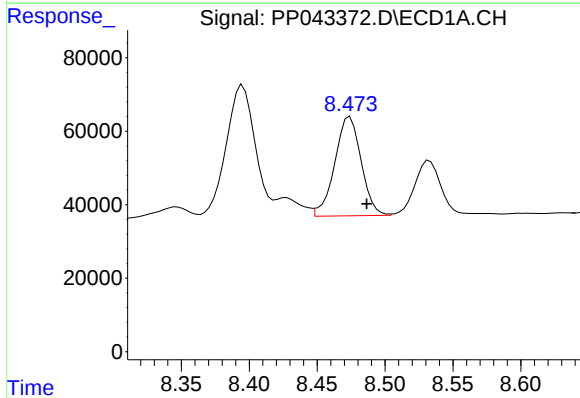
R.T.: 9.017 min
Delta R.T.: -0.014 min
Response: 755630
Conc: 572.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



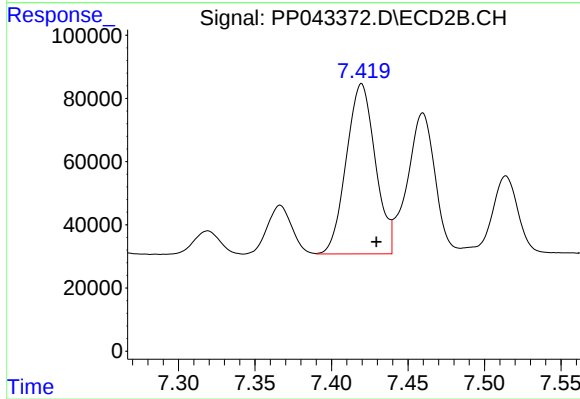
#35 AR-1260-5

R.T.: 7.972 min
Delta R.T.: -0.010 min
Response: 1111851
Conc: 502.45 ng/ml



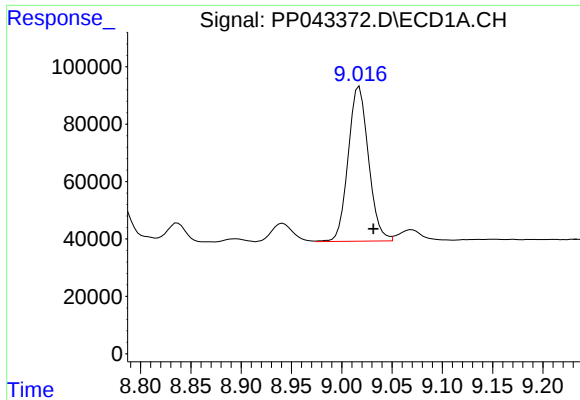
#36 AR-1262-1

R.T.: 8.474 min
Delta R.T.: -0.012 min
Response: 364590
Conc: 367.02 ng/ml



#36 AR-1262-1

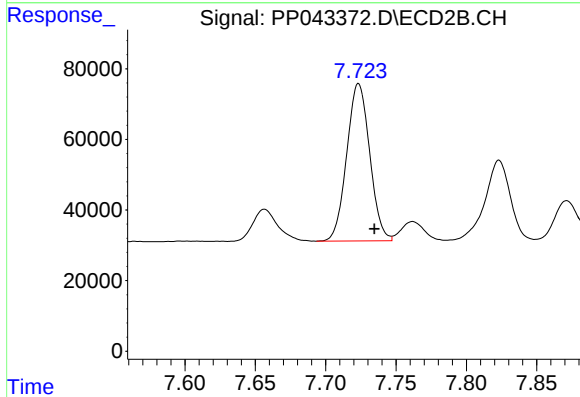
R.T.: 7.420 min
Delta R.T.: -0.010 min
Response: 710775
Conc: 848.76 ng/ml



#37 AR-1262-2

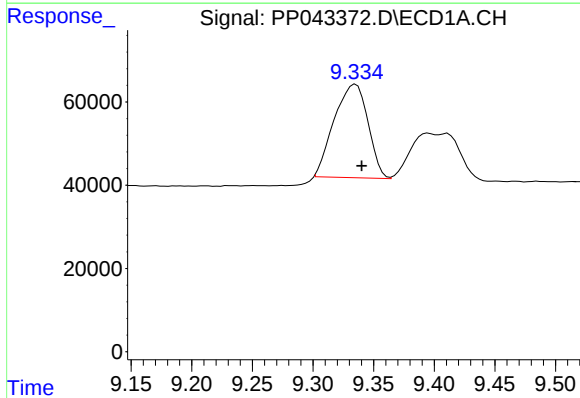
R.T.: 9.017 min
Delta R.T.: -0.014 min
Response: 755630
Conc: 491.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



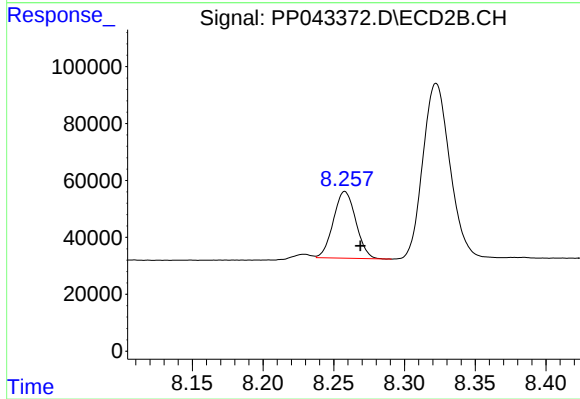
#37 AR-1262-2

R.T.: 7.723 min
Delta R.T.: -0.011 min
Response: 507363
Conc: 366.09 ng/ml



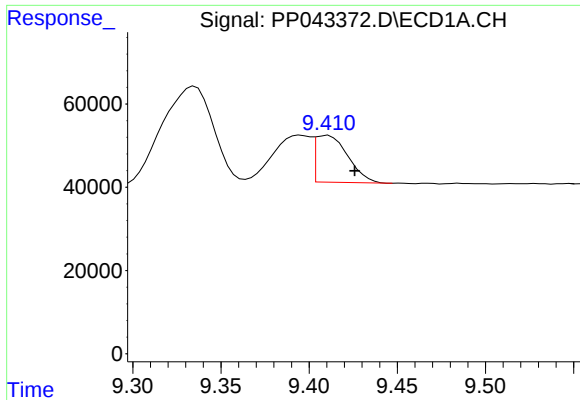
#38 AR-1262-3

R.T.: 9.335 min
Delta R.T.: -0.005 min
Response: 434655
Conc: 392.35 ng/ml



#38 AR-1262-3

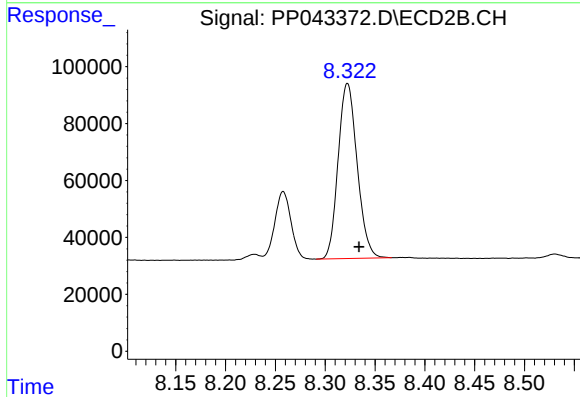
R.T.: 8.258 min
Delta R.T.: -0.011 min
Response: 259292
Conc: 244.56 ng/ml



#39 AR-1262-4

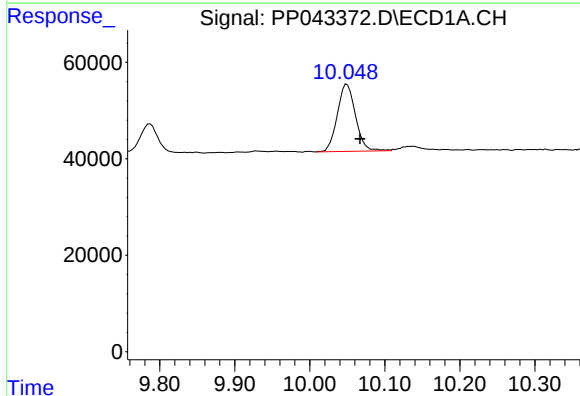
R.T.: 9.411 min
Delta R.T.: -0.015 min
Response: 144573
Conc: 276.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



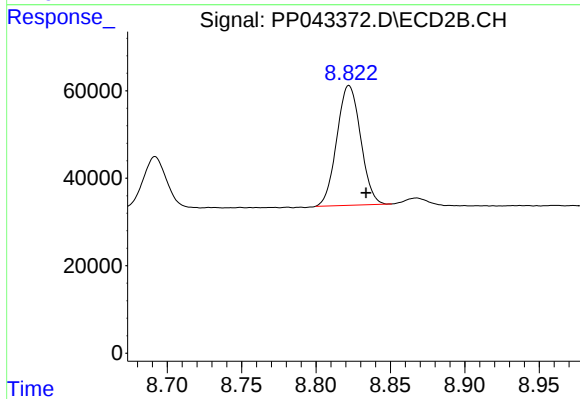
#39 AR-1262-4

R.T.: 8.322 min
Delta R.T.: -0.012 min
Response: 817929
Conc: 434.59 ng/ml



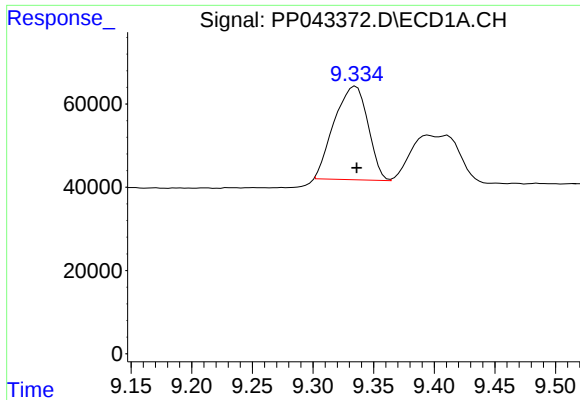
#40 AR-1262-5

R.T.: 10.050 min
Delta R.T.: -0.017 min
Response: 234649
Conc: 418.77 ng/ml



#40 AR-1262-5

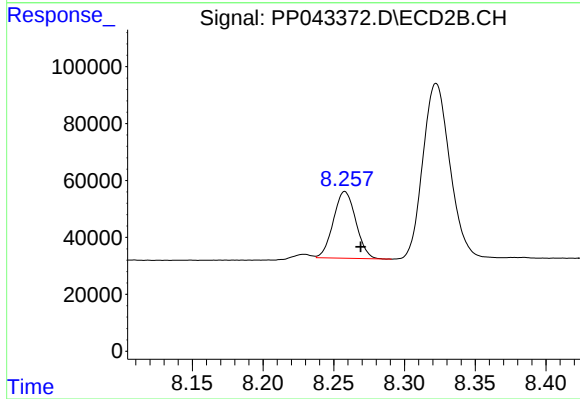
R.T.: 8.822 min
Delta R.T.: -0.012 min
Response: 304629
Conc: 343.71 ng/ml



#41 AR-1268-1

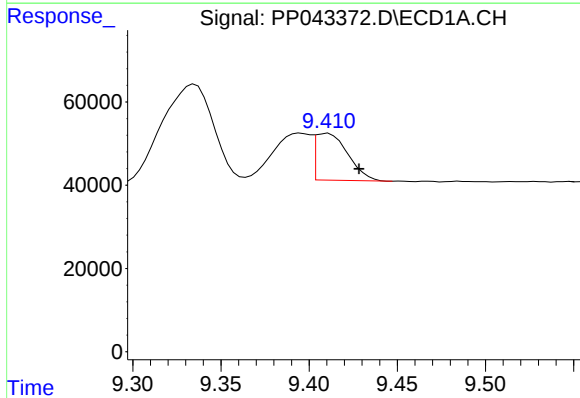
R.T.: 9.335 min
Delta R.T.: 0.000 min
Response: 434655
Conc: 227.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



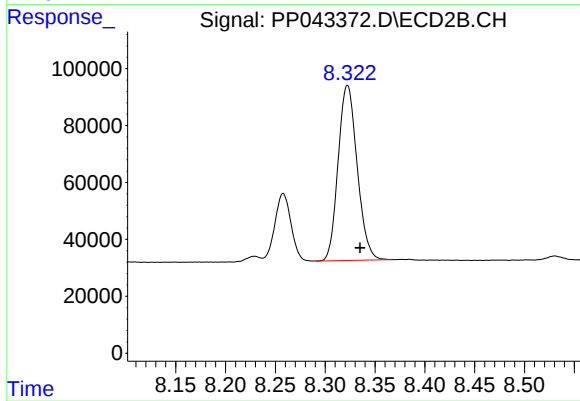
#41 AR-1268-1

R.T.: 8.258 min
Delta R.T.: -0.011 min
Response: 259292
Conc: 89.63 ng/ml



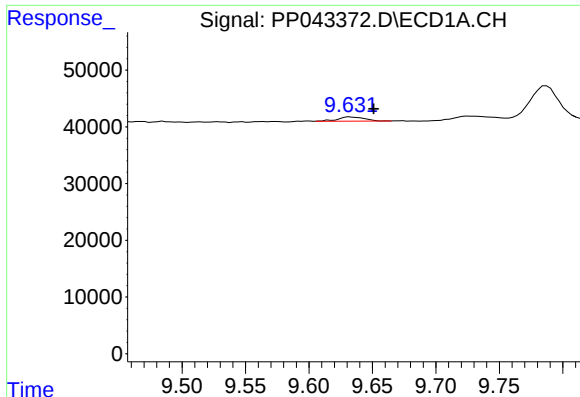
#42 AR-1268-2

R.T.: 9.411 min
Delta R.T.: -0.018 min
Response: 144573
Conc: 80.86 ng/ml



#42 AR-1268-2

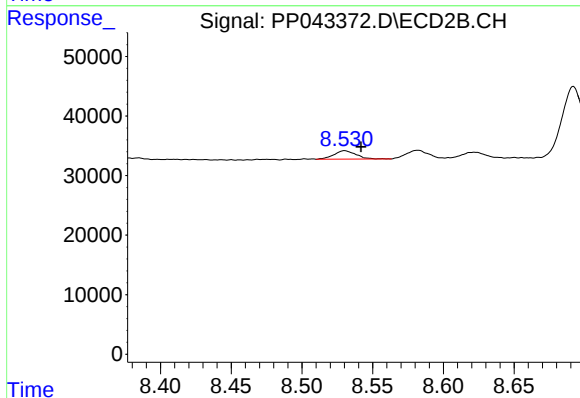
R.T.: 8.322 min
Delta R.T.: -0.013 min
Response: 817929
Conc: 306.10 ng/ml



#43 AR-1268-3

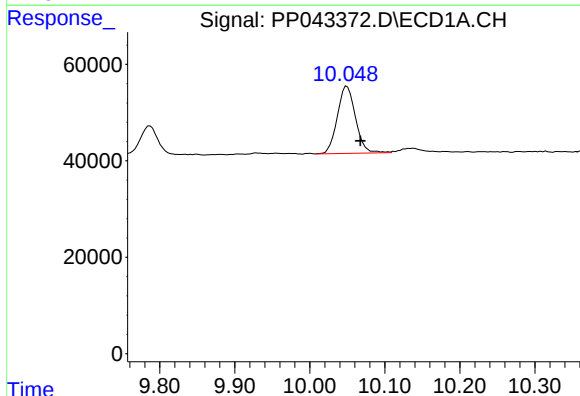
R.T.: 9.633 min
Delta R.T.: -0.018 min
Response: 10829
Conc: 6.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



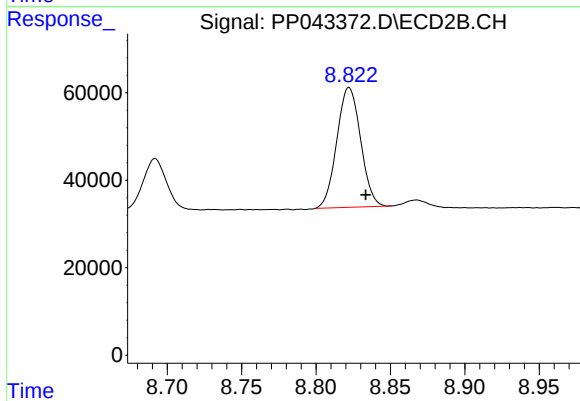
#43 AR-1268-3

R.T.: 8.530 min
Delta R.T.: -0.012 min
Response: 15407
Conc: 6.71 ng/ml



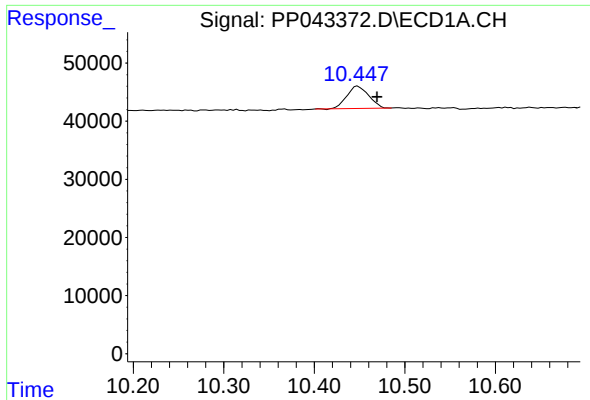
#44 AR-1268-4

R.T.: 10.050 min
Delta R.T.: -0.018 min
Response: 234649
Conc: 389.24 ng/ml



#44 AR-1268-4

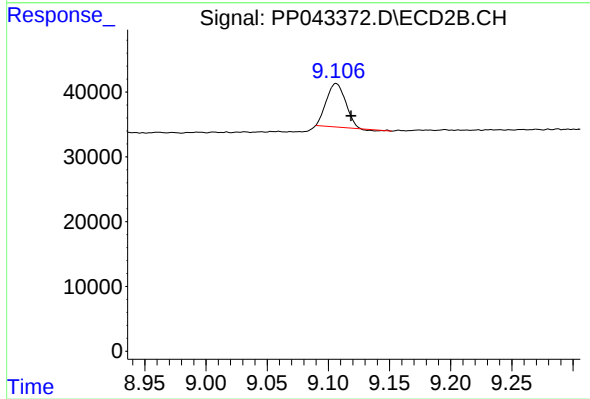
R.T.: 8.822 min
Delta R.T.: -0.011 min
Response: 304629
Conc: 322.61 ng/ml



#45 AR-1268-5

R.T.: 10.448 min
Delta R.T.: -0.021 min
Response: 64676
Conc: 12.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.106 min
Delta R.T.: -0.012 min
Response: 72375
Conc: 10.69 ng/ml