

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO121519\
 Data File : PO064669.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 15 Dec 2019 15:15
 Operator : SM/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 16 00:44:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO121319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Dec 13 08:19:24 2019
 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...	4.180	3.456	1191095	1381095	48.925	54.483
2)	SA Decachlor...	9.702	8.381	1558924	1952603	50.795	56.225
Target Compounds							
3)	L1 AR-1016-1	5.333	4.521	499845	615417	500.930	569.049
4)	L1 AR-1016-2	5.355	4.540	745043	869603	513.016	578.239
5)	L1 AR-1016-3	5.416	4.713	456117	450450	515.503	579.457
6)	L1 AR-1016-4	5.513	4.755	383052	371741	528.842	565.393
7)	L1 AR-1016-5	5.804	4.965	375273	495146	514.939	567.463
8)	L2 AR-1221-1	4.383	3.665	35983	41539	138.809	148.406
9)	L2 AR-1221-2	4.474	3.750	56228	70108	284.497	329.780
10)	L2 AR-1221-3	4.548	3.825	228155	268302	344.412	379.742
11)	L3 AR-1232-1	4.548	3.825	228155	268302	225.587	239.982
12)	L3 AR-1232-2	5.068	4.540	333514	869603	652.789	722.692
13)	L3 AR-1232-3	5.355	4.713	745043	450450	666.382	723.733
14)	L3 AR-1232-4	5.513	4.796	383052	454717	689.042	798.170
15)	L3 AR-1232-5	5.603	4.965	302845	495146	729.766	780.141
16)	L4 AR-1242-1	5.333	4.521	499845	615417	637.831	708.252
17)	L4 AR-1242-2	5.355	4.540	745043	869603	660.262	728.619
18)	L4 AR-1242-3	5.416	4.713	456117	450450	655.066	710.340
19)	L4 AR-1242-4	5.513	4.796	383052	454717	679.437	698.599
20)	L4 AR-1242-5	6.242	5.313	72897	370435	104.598	416.711 #
21)	L5 AR-1248-1	5.333	4.521	499845	615417	774.488	859.742
22)	L5 AR-1248-2	5.603	4.755	302845	371741	327.726	378.594
23)	L5 AR-1248-3	5.804	4.796	375273	454717	353.238	446.891 #
24)	L5 AR-1248-4	6.205	4.965	85623	495146	65.657	384.727 #
25)	L5 AR-1248-5	6.242	5.313	72897	370435	58.583	194.859 #
26)	L6 AR-1254-1	6.177	5.313	291757	370435	229.092	182.415
27)	L6 AR-1254-2	6.393	5.459	303366	344432	145.846	188.897 #
28)	L6 AR-1254-3	6.757	5.873	195127	724217	81.719	233.135 #
29)	L6 AR-1254-4	7.040	6.086	129053	118717	69.015	57.797
30)	L6 AR-1254-5	7.455	6.500	1149082	1410198	546.136	472.447
31)	L7 AR-1260-1	6.919	5.987	734662	1012055	478.200	548.093
32)	L7 AR-1260-2	7.175	6.175	946883	1286525	479.677	552.962
33)	L7 AR-1260-3	7.531	6.327	733817	1149087	488.362	542.709
34)	L7 AR-1260-4	7.754	6.795	897039	1006368	485.615	534.194
35)	L7 AR-1260-5	8.060	7.037	1763843	2498265	472.664	532.676
36)	L8 AR-1262-1	7.531	6.591	733817	539602	319.128	470.344 #
37)	L8 AR-1262-2	8.060	7.037	1763843	2498265	406.357	457.196
38)	L8 AR-1262-3	8.359	7.318	1143930	539883	393.105	259.209 #
39)	L8 AR-1262-4	8.411	7.381	412609	1832816	190.641	460.382 #
40)	L8 AR-1262-5	9.029	7.873	552289	649078	376.516	372.267
41)	L9 AR-1268-1	8.359	7.318	1143930	539883	221.345	84.429 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121519\
 Data File : P0064669.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 15 Dec 2019 15:15
 Operator : SM/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

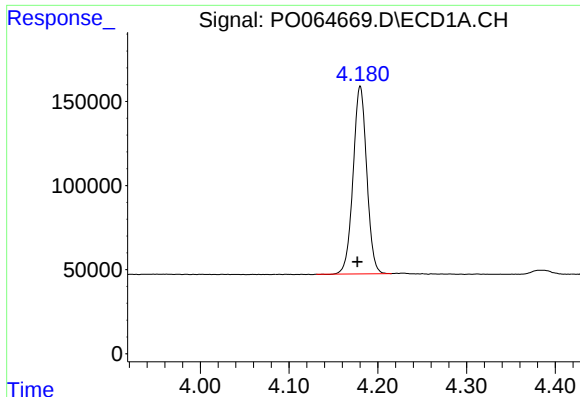
Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 16 00:44:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO121319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Dec 13 08:19:24 2019
 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
42) L9	AR-1268-2	8.429	7.381	288951	1832816	61.447	314.460 #
43) L9	AR-1268-3	8.637	0.000	48179	0	12.498	N.D. #
44) L9	AR-1268-4	9.029	7.873	552289	649078	328.509	322.460
45) L9	AR-1268-5	9.401	8.146	165612	172006	13.956	11.890

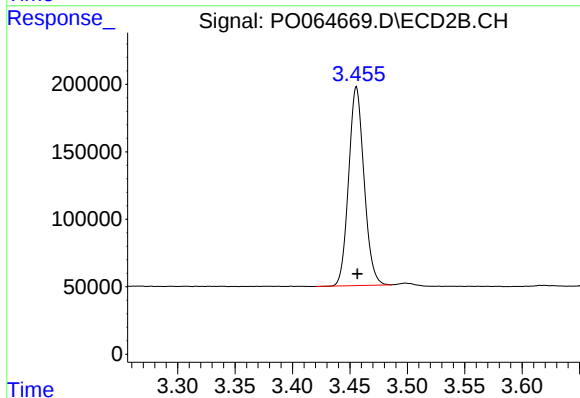
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

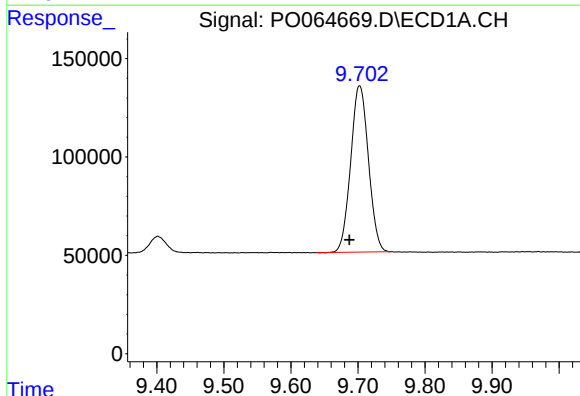
R.T.: 4.180 min
Delta R.T.: 0.003 min
Response: 1191095
Conc: 48.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



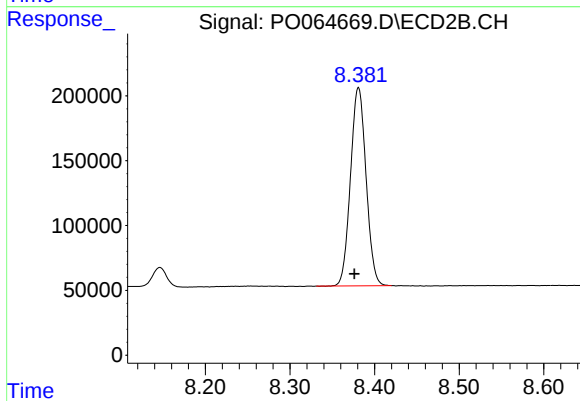
#1 Tetrachloro-m-xylene

R.T.: 3.456 min
Delta R.T.: 0.000 min
Response: 1381095
Conc: 54.48 ng/ml



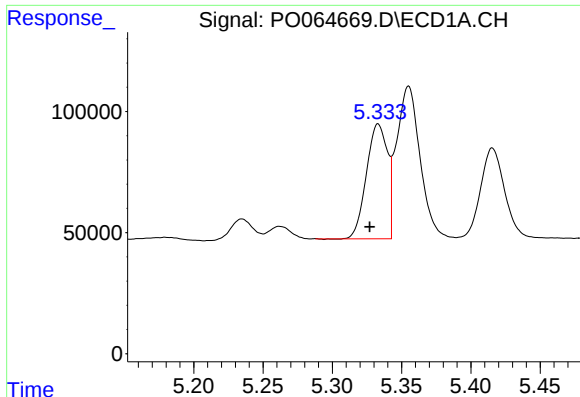
#2 Decachlorobiphenyl

R.T.: 9.702 min
Delta R.T.: 0.015 min
Response: 1558924
Conc: 50.80 ng/ml



#2 Decachlorobiphenyl

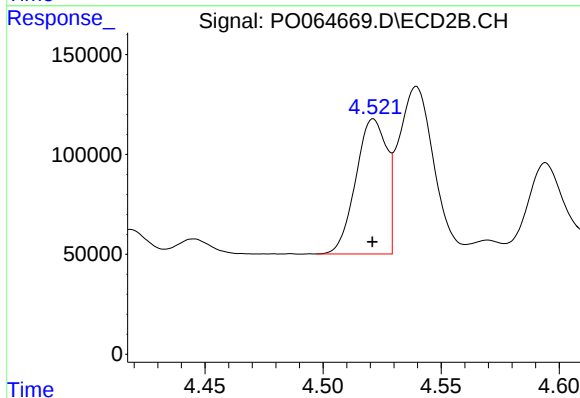
R.T.: 8.381 min
Delta R.T.: 0.005 min
Response: 1952603
Conc: 56.22 ng/ml



#3 AR-1016-1

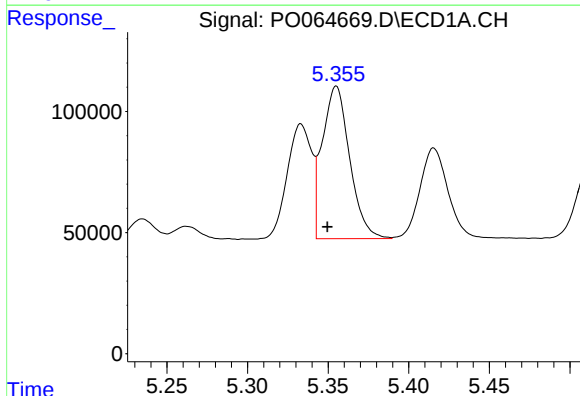
R.T.: 5.333 min
Delta R.T.: 0.006 min
Response: 499845
Conc: 500.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



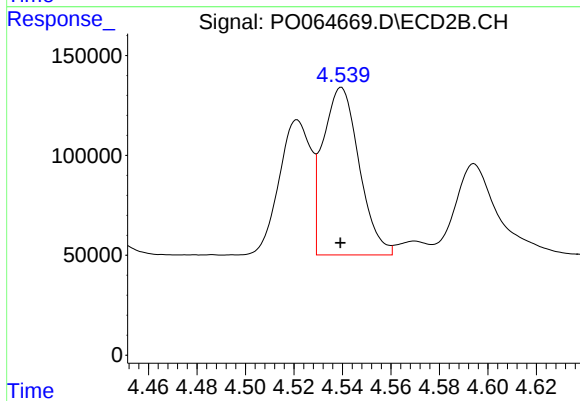
#3 AR-1016-1

R.T.: 4.521 min
Delta R.T.: 0.000 min
Response: 615417
Conc: 569.05 ng/ml



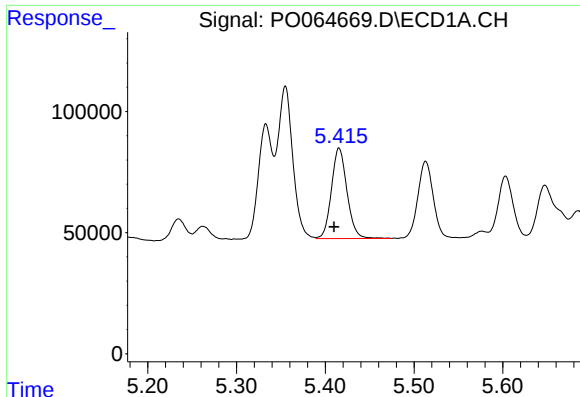
#4 AR-1016-2

R.T.: 5.355 min
Delta R.T.: 0.005 min
Response: 745043
Conc: 513.02 ng/ml



#4 AR-1016-2

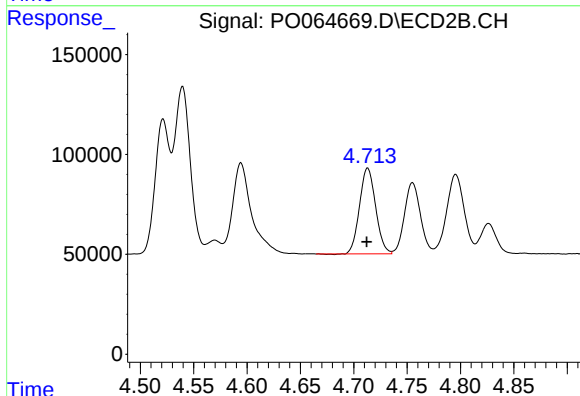
R.T.: 4.540 min
Delta R.T.: 0.000 min
Response: 869603
Conc: 578.24 ng/ml



#5 AR-1016-3

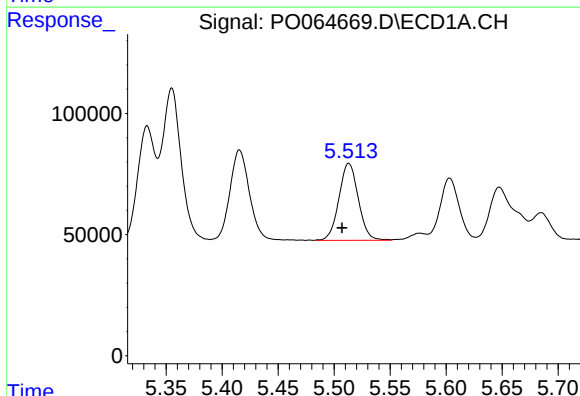
R.T.: 5.416 min
Delta R.T.: 0.006 min
Response: 456117
Conc: 515.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



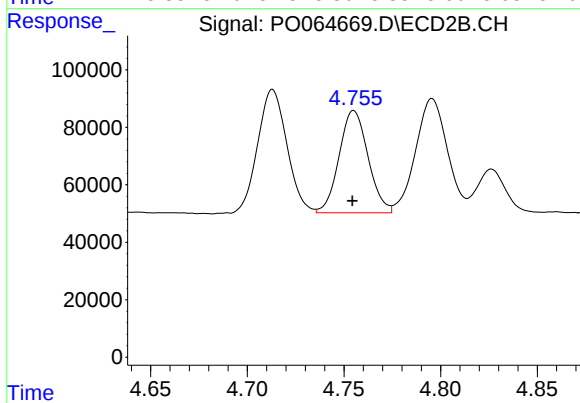
#5 AR-1016-3

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 450450
Conc: 579.46 ng/ml



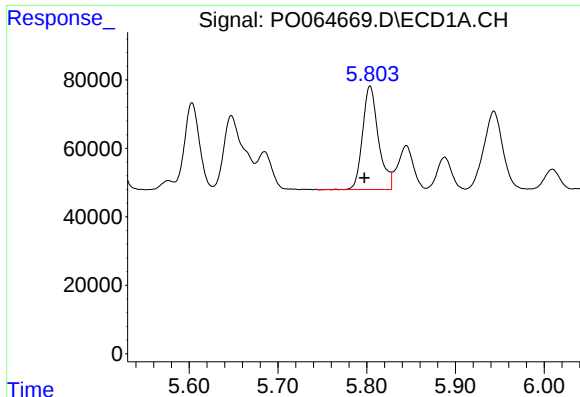
#6 AR-1016-4

R.T.: 5.513 min
Delta R.T.: 0.006 min
Response: 383052
Conc: 528.84 ng/ml



#6 AR-1016-4

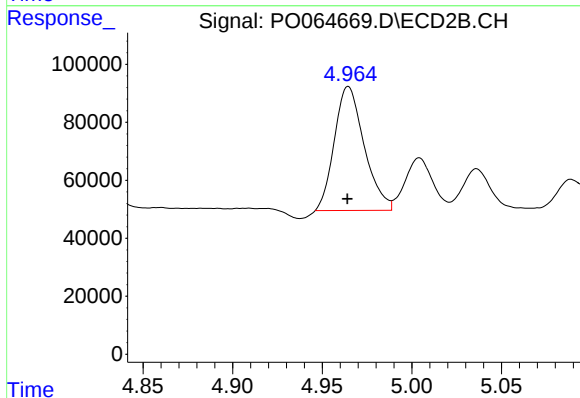
R.T.: 4.755 min
Delta R.T.: 0.000 min
Response: 371741
Conc: 565.39 ng/ml



#7 AR-1016-5

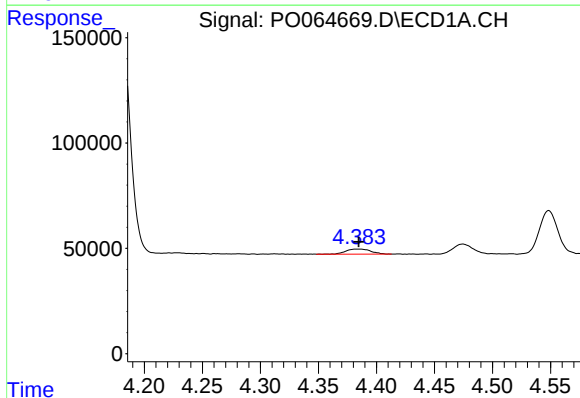
R.T.: 5.804 min
Delta R.T.: 0.007 min
Response: 375273
Conc: 514.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



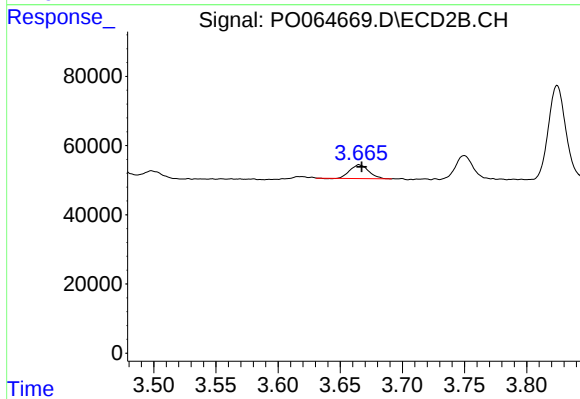
#7 AR-1016-5

R.T.: 4.965 min
Delta R.T.: 0.000 min
Response: 495146
Conc: 567.46 ng/ml



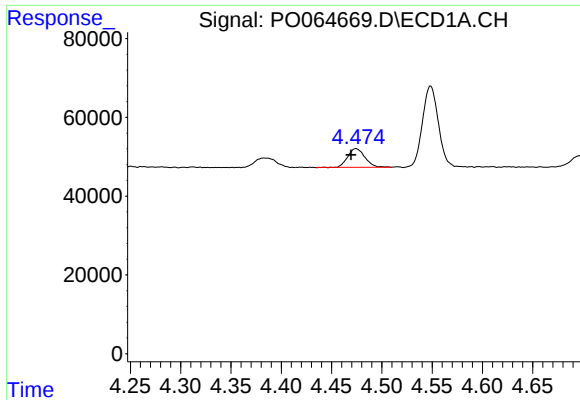
#8 AR-1221-1

R.T.: 4.383 min
Delta R.T.: -0.001 min
Response: 35983
Conc: 138.81 ng/ml



#8 AR-1221-1

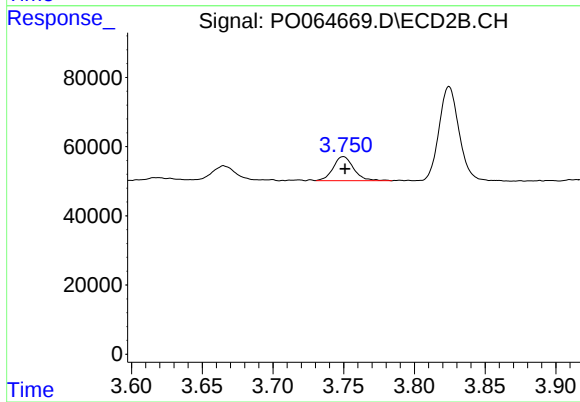
R.T.: 3.665 min
Delta R.T.: -0.002 min
Response: 41539
Conc: 148.41 ng/ml



#9 AR-1221-2

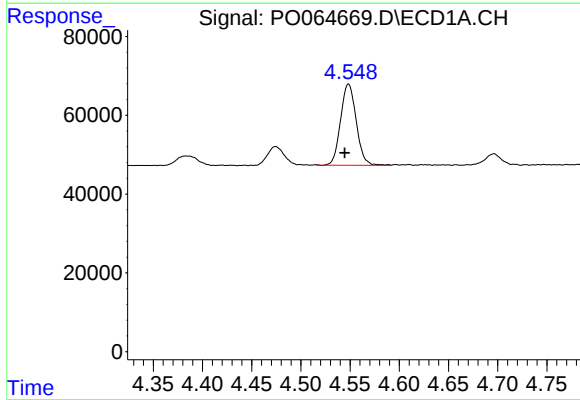
R.T.: 4.474 min
Delta R.T.: 0.005 min
Response: 56228
Conc: 284.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



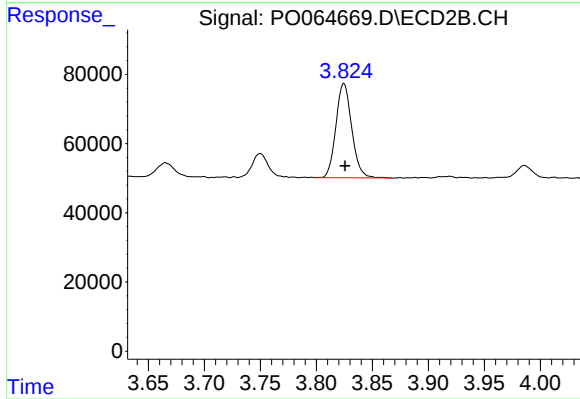
#9 AR-1221-2

R.T.: 3.750 min
Delta R.T.: -0.001 min
Response: 70108
Conc: 329.78 ng/ml



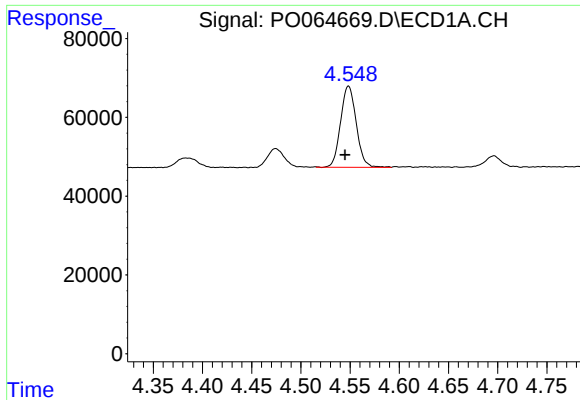
#10 AR-1221-3

R.T.: 4.548 min
Delta R.T.: 0.004 min
Response: 228155
Conc: 344.41 ng/ml



#10 AR-1221-3

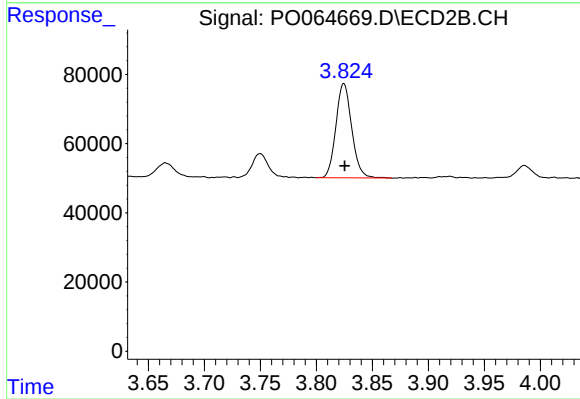
R.T.: 3.825 min
Delta R.T.: 0.000 min
Response: 268302
Conc: 379.74 ng/ml



#11 AR-1232-1

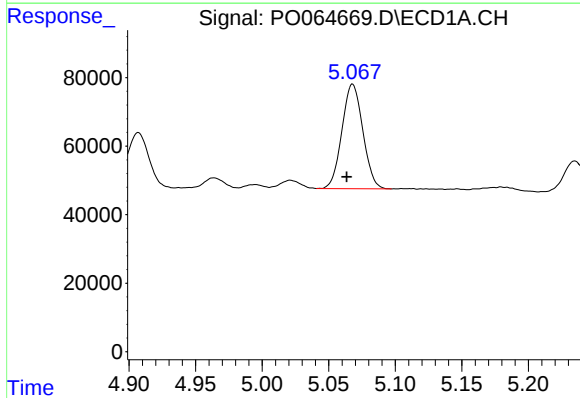
R.T.: 4.548 min
Delta R.T.: 0.004 min
Response: 228155
Conc: 225.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



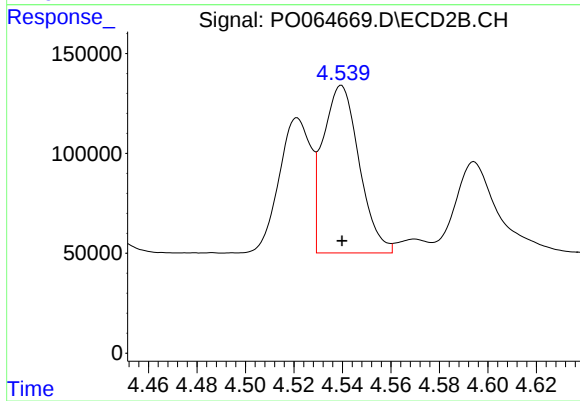
#11 AR-1232-1

R.T.: 3.825 min
Delta R.T.: 0.000 min
Response: 268302
Conc: 239.98 ng/ml



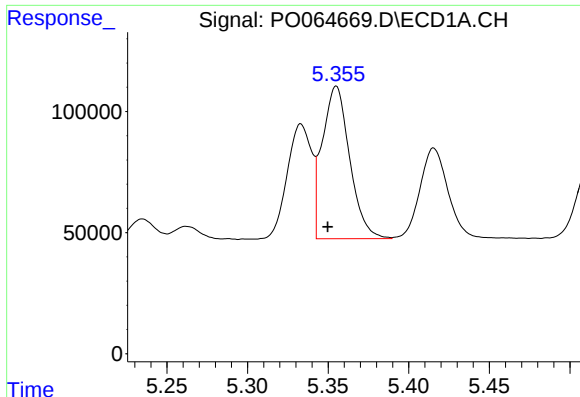
#12 AR-1232-2

R.T.: 5.068 min
Delta R.T.: 0.004 min
Response: 333514
Conc: 652.79 ng/ml



#12 AR-1232-2

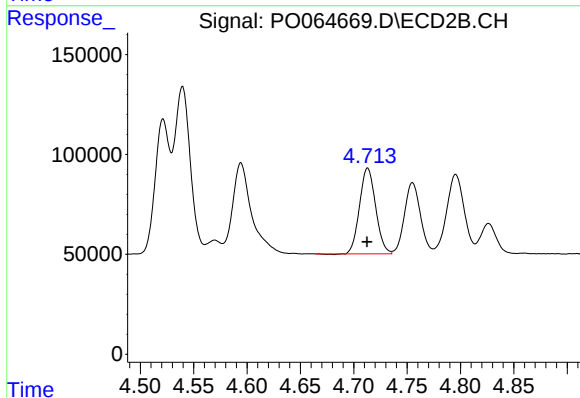
R.T.: 4.540 min
Delta R.T.: 0.000 min
Response: 869603
Conc: 722.69 ng/ml



#13 AR-1232-3

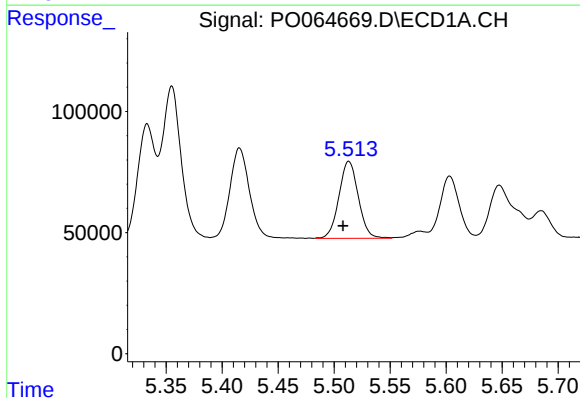
R.T.: 5.355 min
Delta R.T.: 0.005 min
Response: 745043
Conc: 666.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



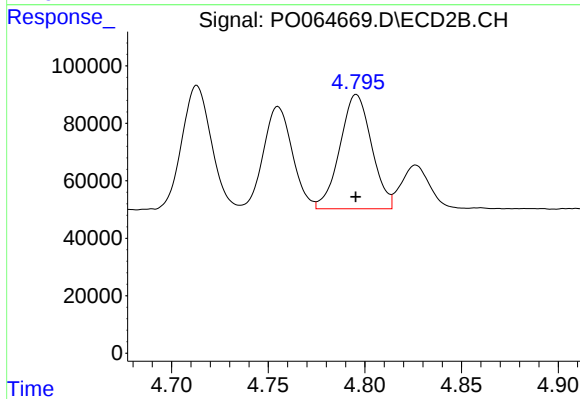
#13 AR-1232-3

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 450450
Conc: 723.73 ng/ml



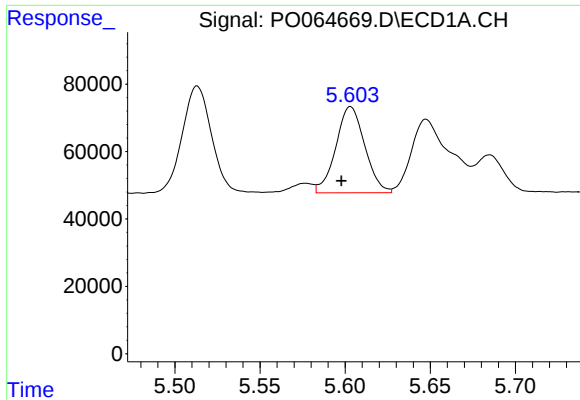
#14 AR-1232-4

R.T.: 5.513 min
Delta R.T.: 0.005 min
Response: 383052
Conc: 689.04 ng/ml



#14 AR-1232-4

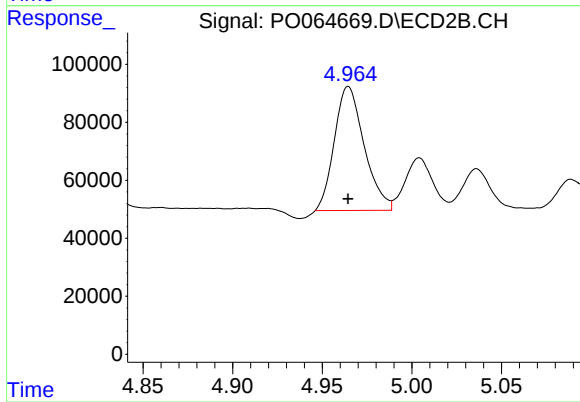
R.T.: 4.796 min
Delta R.T.: 0.000 min
Response: 454717
Conc: 798.17 ng/ml



#15 AR-1232-5

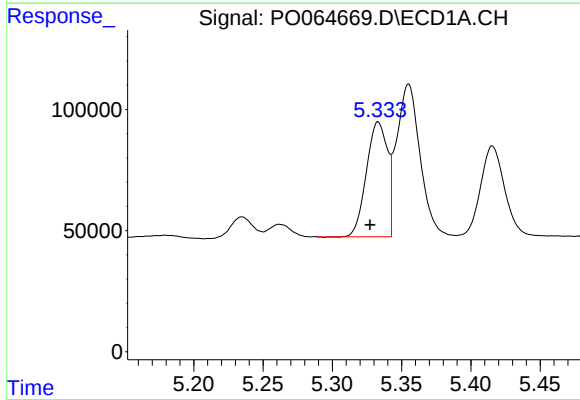
R.T.: 5.603 min
Delta R.T.: 0.005 min
Response: 302845
Conc: 729.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



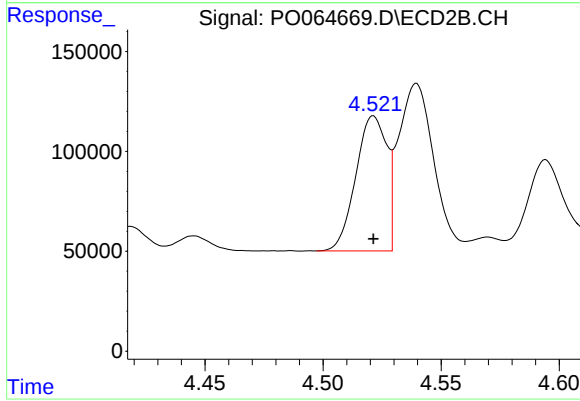
#15 AR-1232-5

R.T.: 4.965 min
Delta R.T.: 0.000 min
Response: 495146
Conc: 780.14 ng/ml



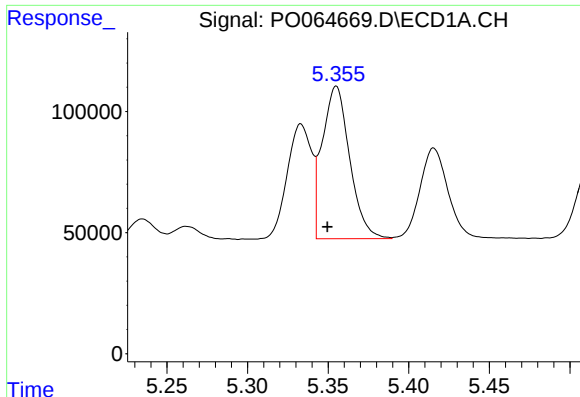
#16 AR-1242-1

R.T.: 5.333 min
Delta R.T.: 0.006 min
Response: 499845
Conc: 637.83 ng/ml



#16 AR-1242-1

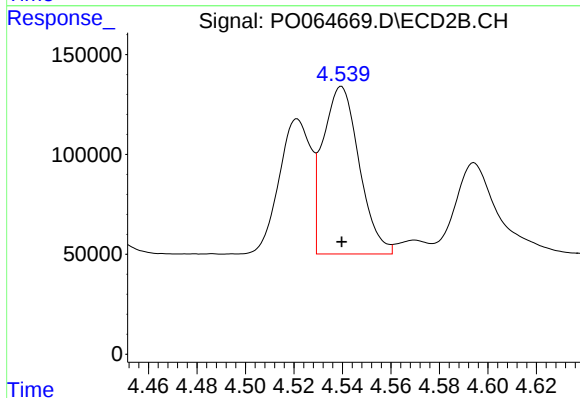
R.T.: 4.521 min
Delta R.T.: 0.000 min
Response: 615417
Conc: 708.25 ng/ml



#17 AR-1242-2

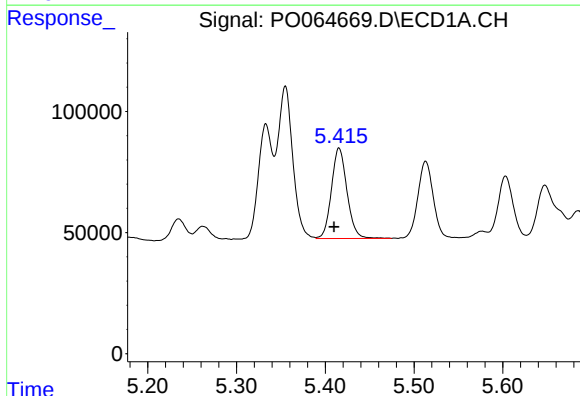
R.T.: 5.355 min
Delta R.T.: 0.006 min
Response: 745043
Conc: 660.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



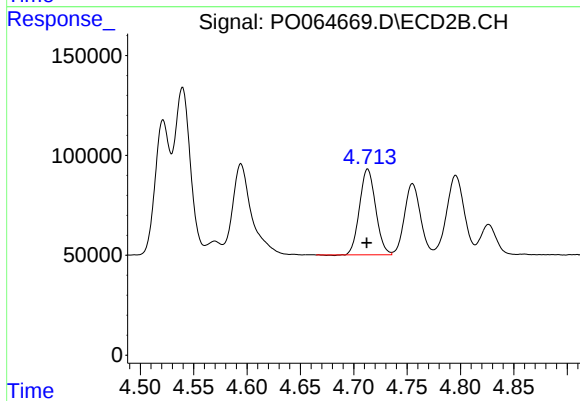
#17 AR-1242-2

R.T.: 4.540 min
Delta R.T.: 0.000 min
Response: 869603
Conc: 728.62 ng/ml



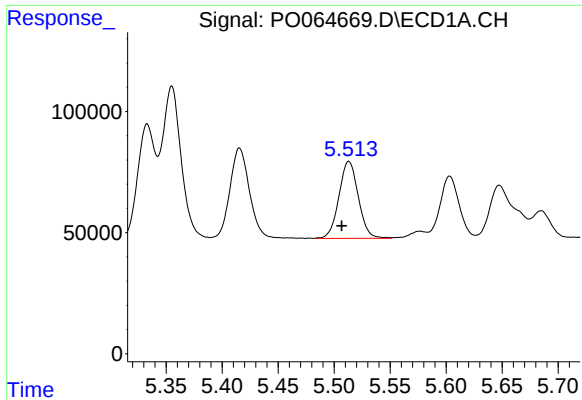
#18 AR-1242-3

R.T.: 5.416 min
Delta R.T.: 0.006 min
Response: 456117
Conc: 655.07 ng/ml



#18 AR-1242-3

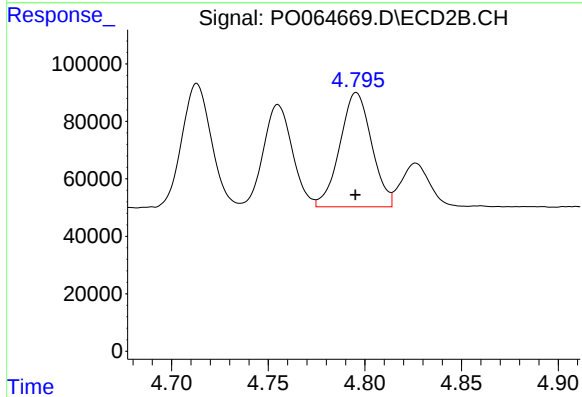
R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 450450
Conc: 710.34 ng/ml



#19 AR-1242-4

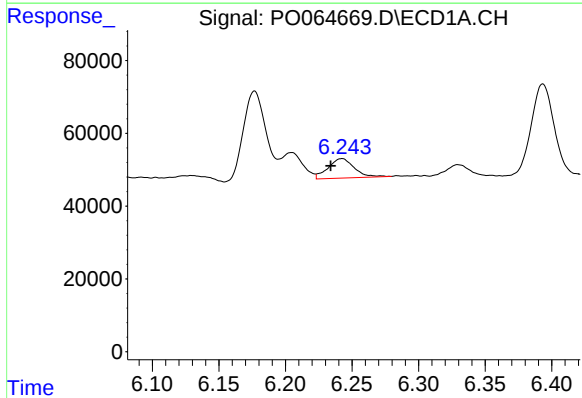
R.T.: 5.513 min
Delta R.T.: 0.006 min
Response: 383052
Conc: 679.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



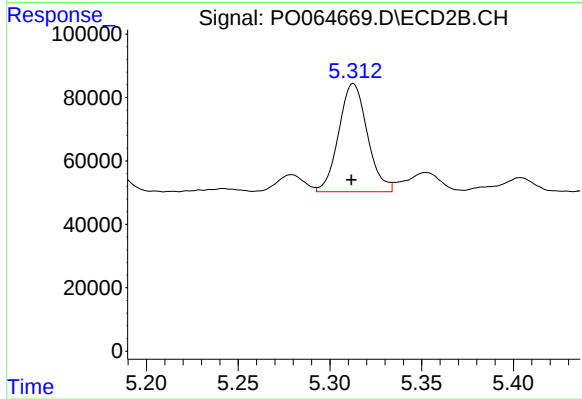
#19 AR-1242-4

R.T.: 4.796 min
Delta R.T.: 0.000 min
Response: 454717
Conc: 698.60 ng/ml



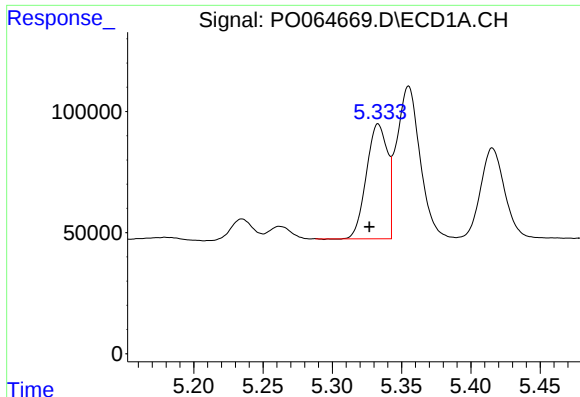
#20 AR-1242-5

R.T.: 6.242 min
Delta R.T.: 0.008 min
Response: 72897
Conc: 104.60 ng/ml



#20 AR-1242-5

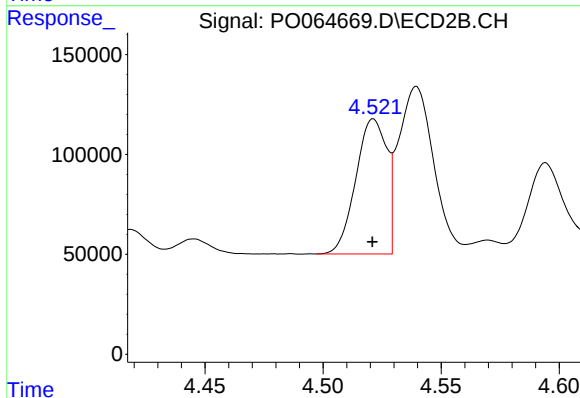
R.T.: 5.313 min
Delta R.T.: 0.001 min
Response: 370435
Conc: 416.71 ng/ml



#21 AR-1248-1

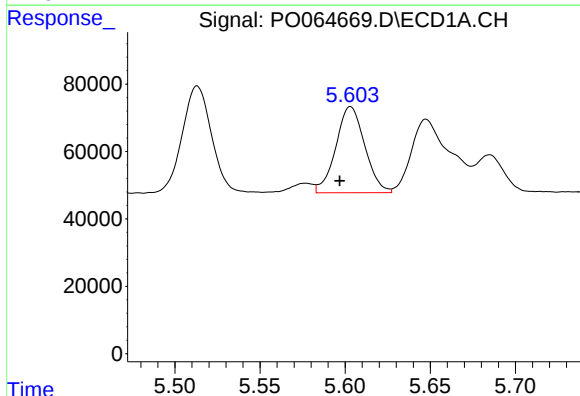
R.T.: 5.333 min
Delta R.T.: 0.006 min
Response: 499845
Conc: 774.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



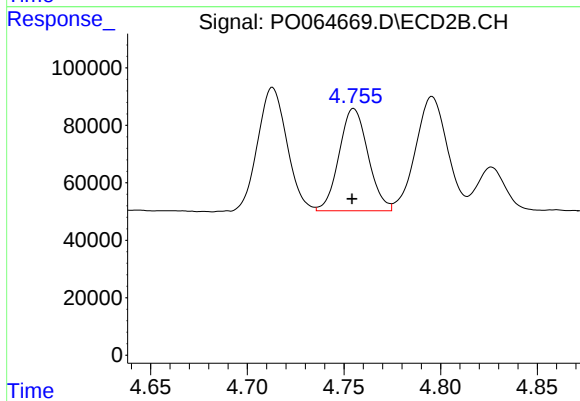
#21 AR-1248-1

R.T.: 4.521 min
Delta R.T.: 0.000 min
Response: 615417
Conc: 859.74 ng/ml



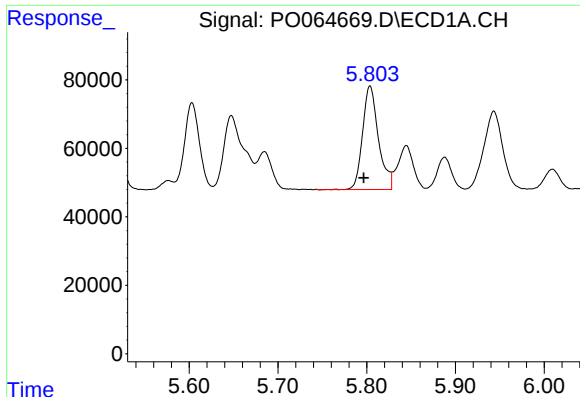
#22 AR-1248-2

R.T.: 5.603 min
Delta R.T.: 0.006 min
Response: 302845
Conc: 327.73 ng/ml



#22 AR-1248-2

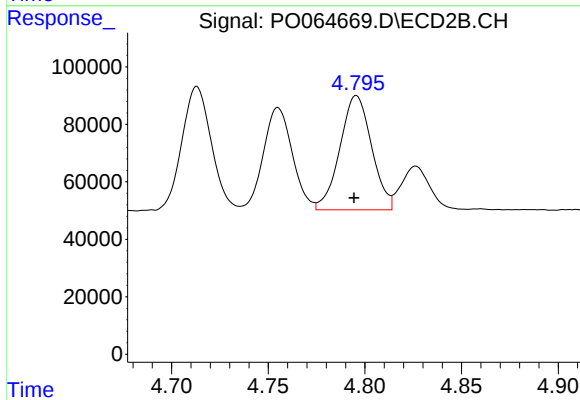
R.T.: 4.755 min
Delta R.T.: 0.000 min
Response: 371741
Conc: 378.59 ng/ml



#23 AR-1248-3

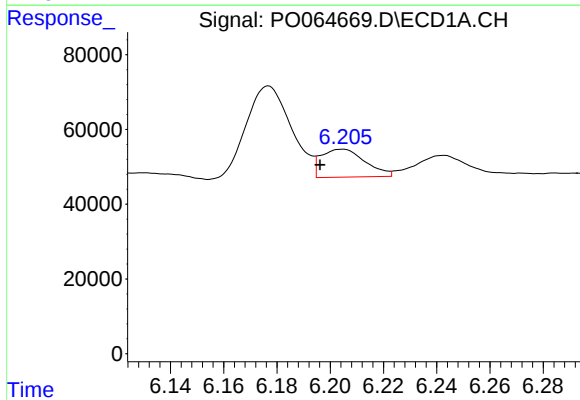
R.T.: 5.804 min
Delta R.T.: 0.007 min
Response: 375273
Conc: 353.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



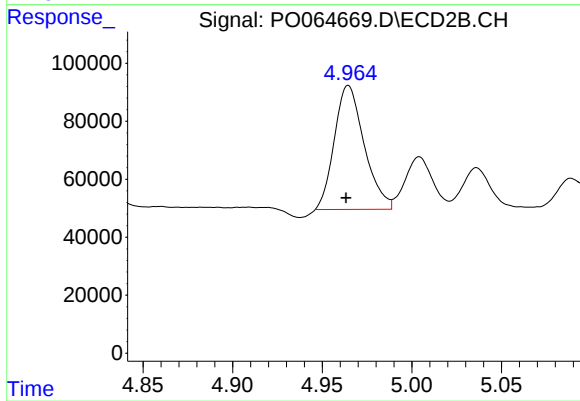
#23 AR-1248-3

R.T.: 4.796 min
Delta R.T.: 0.001 min
Response: 454717
Conc: 446.89 ng/ml



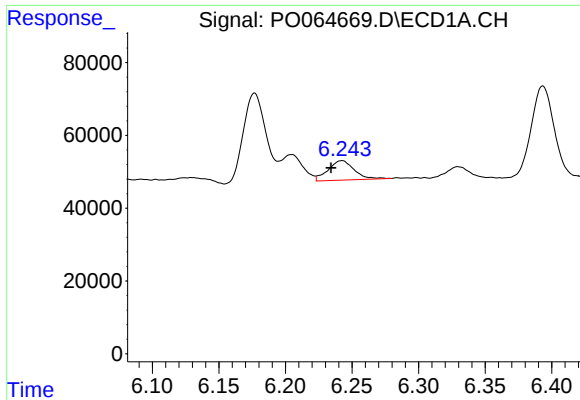
#24 AR-1248-4

R.T.: 6.205 min
Delta R.T.: 0.008 min
Response: 85623
Conc: 65.66 ng/ml



#24 AR-1248-4

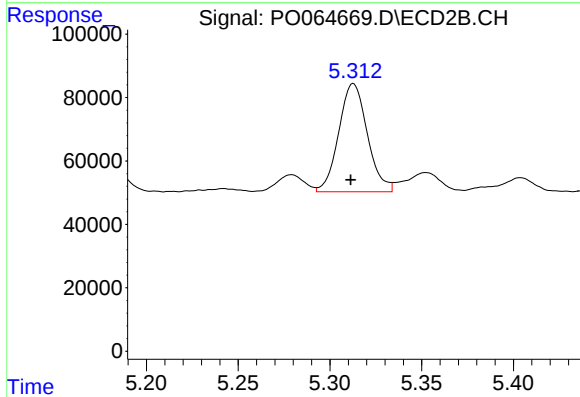
R.T.: 4.965 min
Delta R.T.: 0.001 min
Response: 495146
Conc: 384.73 ng/ml



#25 AR-1248-5

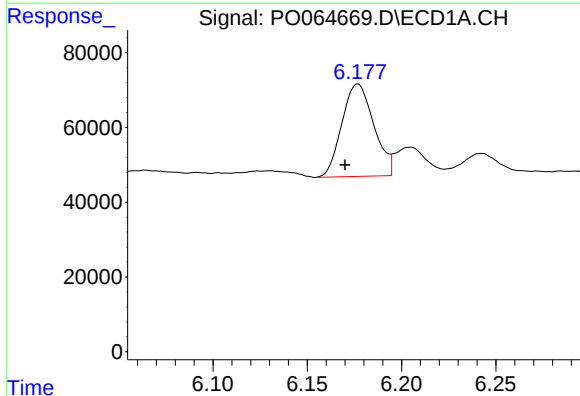
R.T.: 6.242 min
Delta R.T.: 0.008 min
Response: 72897
Conc: 58.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



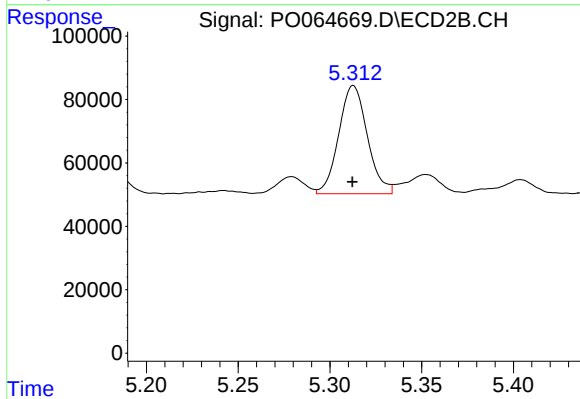
#25 AR-1248-5

R.T.: 5.313 min
Delta R.T.: 0.001 min
Response: 370435
Conc: 194.86 ng/ml



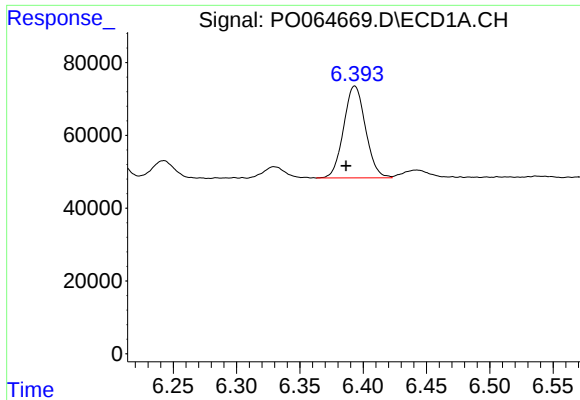
#26 AR-1254-1

R.T.: 6.177 min
Delta R.T.: 0.007 min
Response: 291757
Conc: 229.09 ng/ml



#26 AR-1254-1

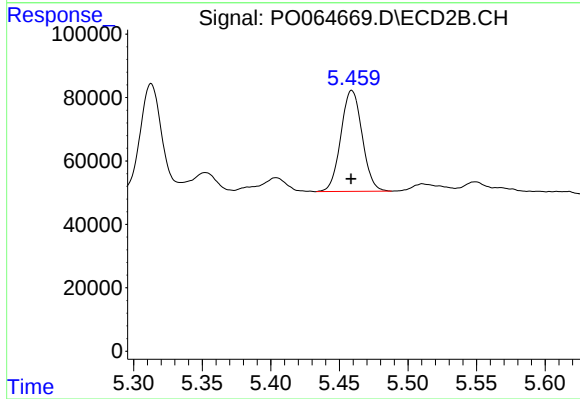
R.T.: 5.313 min
Delta R.T.: 0.000 min
Response: 370435
Conc: 182.42 ng/ml



#27 AR-1254-2

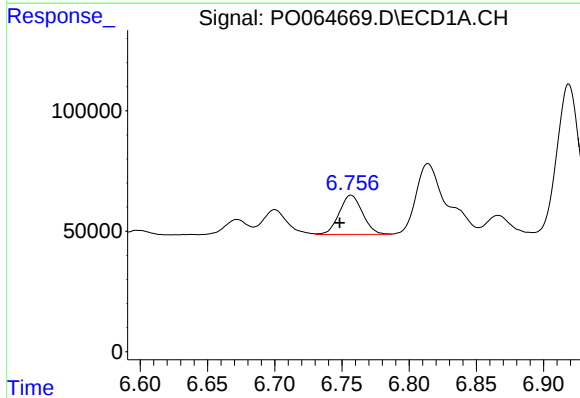
R.T.: 6.393 min
Delta R.T.: 0.007 min
Response: 303366
Conc: 145.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



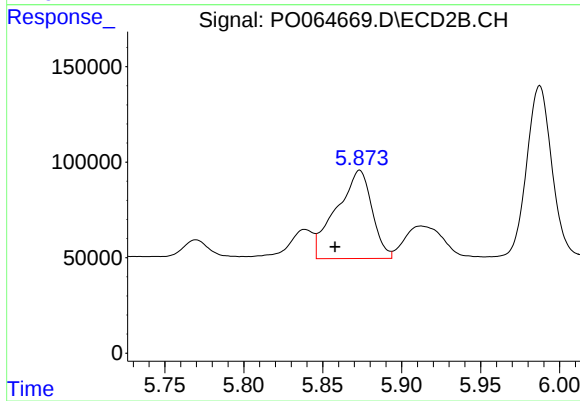
#27 AR-1254-2

R.T.: 5.459 min
Delta R.T.: 0.000 min
Response: 344432
Conc: 188.90 ng/ml



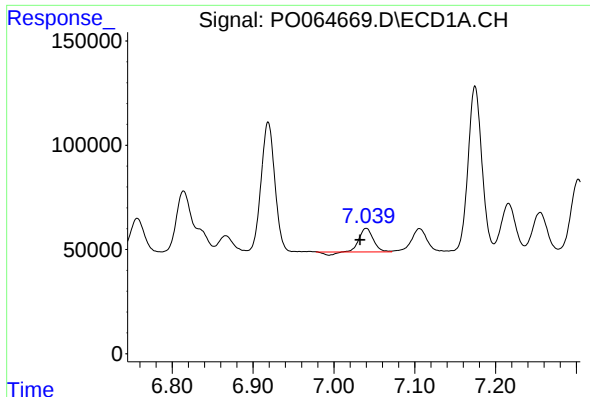
#28 AR-1254-3

R.T.: 6.757 min
Delta R.T.: 0.008 min
Response: 195127
Conc: 81.72 ng/ml



#28 AR-1254-3

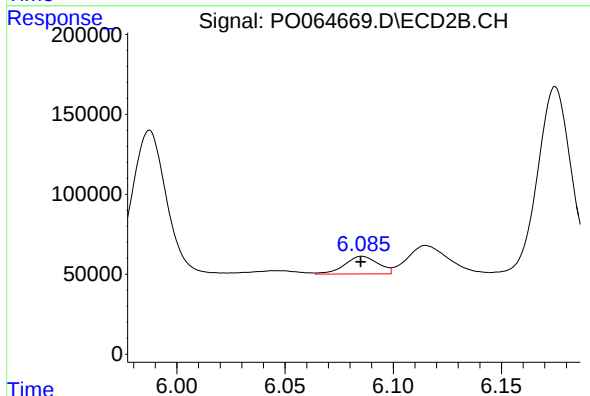
R.T.: 5.873 min
Delta R.T.: 0.016 min
Response: 724217
Conc: 233.13 ng/ml



#29 AR-1254-4

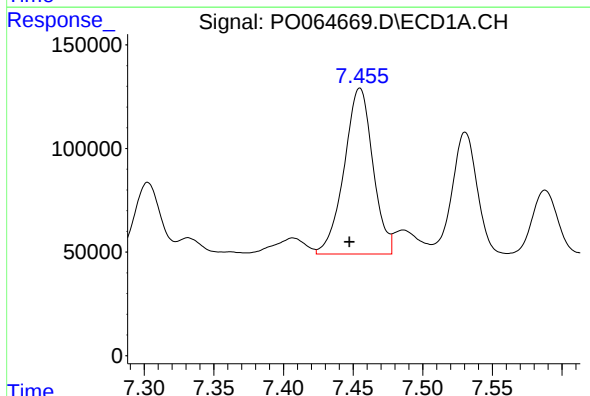
R.T.: 7.040 min
Delta R.T.: 0.008 min
Response: 129053
Conc: 69.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



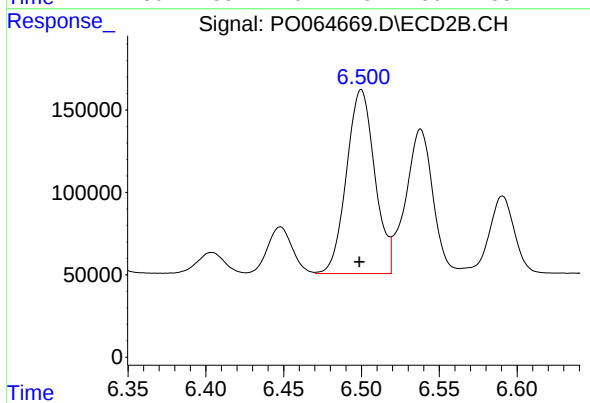
#29 AR-1254-4

R.T.: 6.086 min
Delta R.T.: 0.000 min
Response: 118717
Conc: 57.80 ng/ml



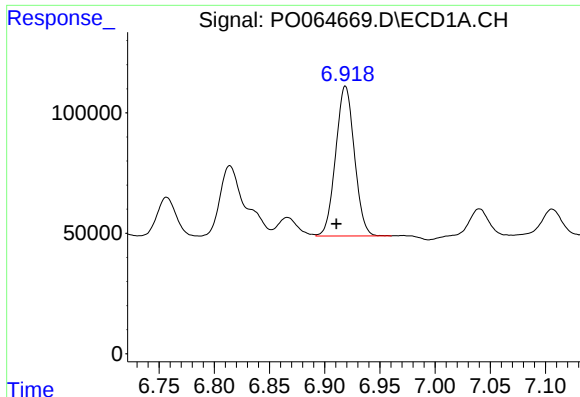
#30 AR-1254-5

R.T.: 7.455 min
Delta R.T.: 0.008 min
Response: 1149082
Conc: 546.14 ng/ml



#30 AR-1254-5

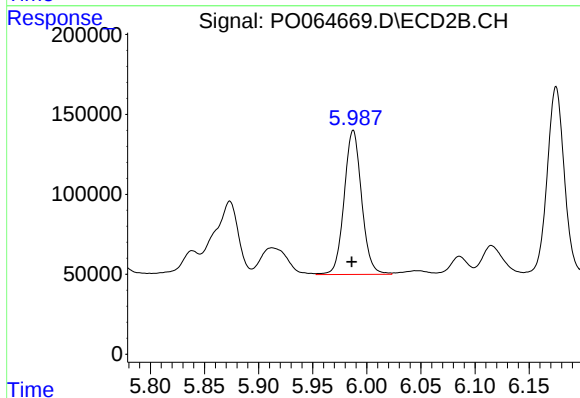
R.T.: 6.500 min
Delta R.T.: 0.001 min
Response: 1410198
Conc: 472.45 ng/ml



#31 AR-1260-1

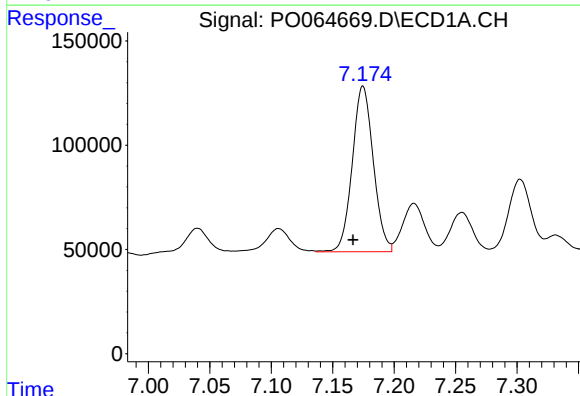
R.T.: 6.919 min
Delta R.T.: 0.008 min
Response: 734662
Conc: 478.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



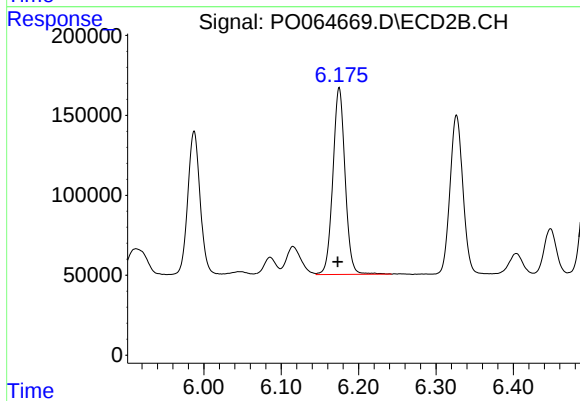
#31 AR-1260-1

R.T.: 5.987 min
Delta R.T.: 0.001 min
Response: 1012055
Conc: 548.09 ng/ml



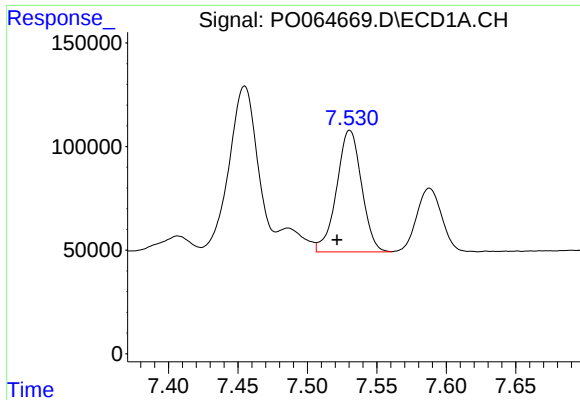
#32 AR-1260-2

R.T.: 7.175 min
Delta R.T.: 0.008 min
Response: 946883
Conc: 479.68 ng/ml



#32 AR-1260-2

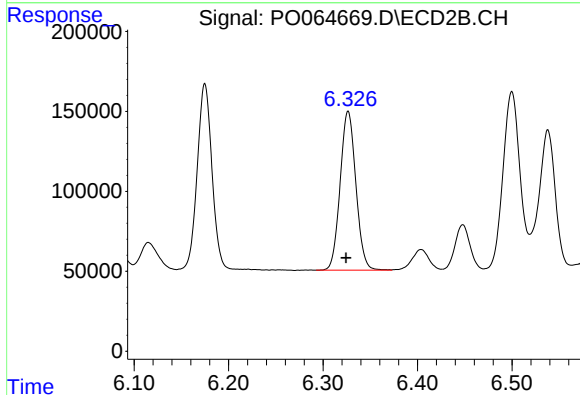
R.T.: 6.175 min
Delta R.T.: 0.002 min
Response: 1286525
Conc: 552.96 ng/ml



#33 AR-1260-3

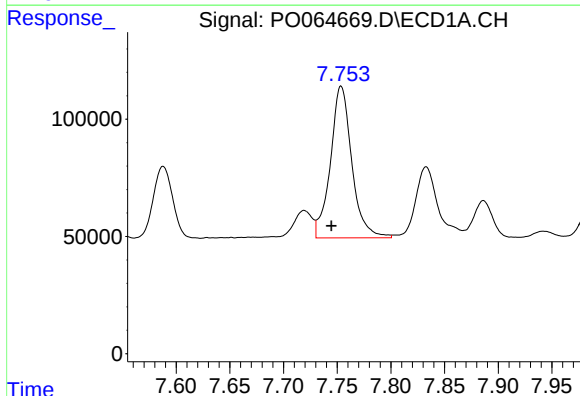
R.T.: 7.531 min
Delta R.T.: 0.009 min
Response: 733817
Conc: 488.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



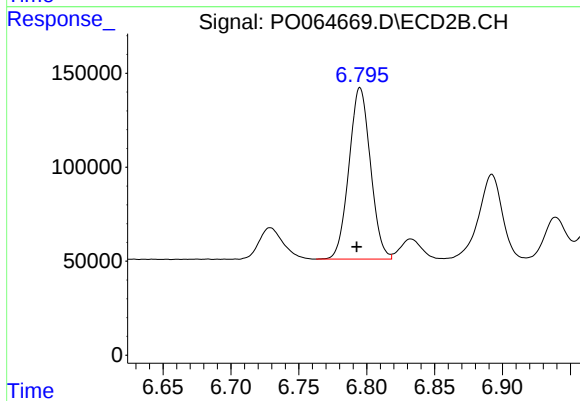
#33 AR-1260-3

R.T.: 6.327 min
Delta R.T.: 0.002 min
Response: 1149087
Conc: 542.71 ng/ml



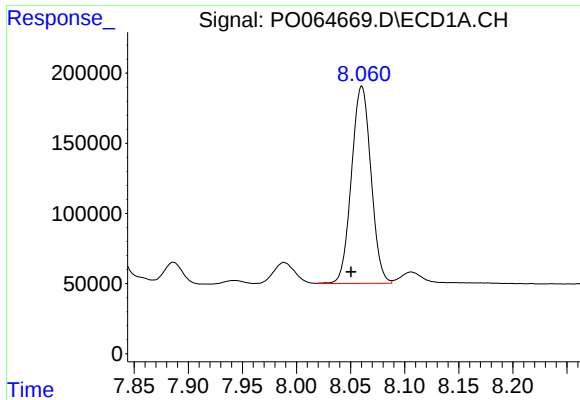
#34 AR-1260-4

R.T.: 7.754 min
Delta R.T.: 0.009 min
Response: 897039
Conc: 485.61 ng/ml



#34 AR-1260-4

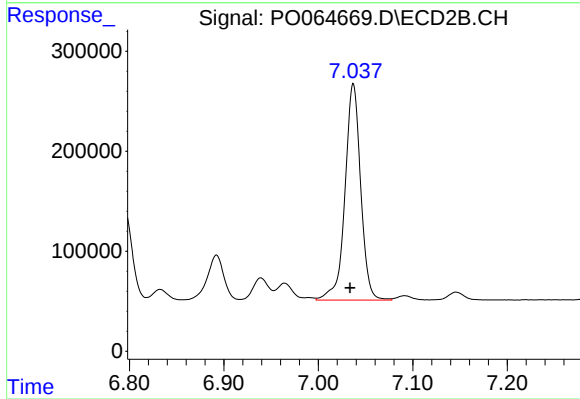
R.T.: 6.795 min
Delta R.T.: 0.003 min
Response: 1006368
Conc: 534.19 ng/ml



#35 AR-1260-5

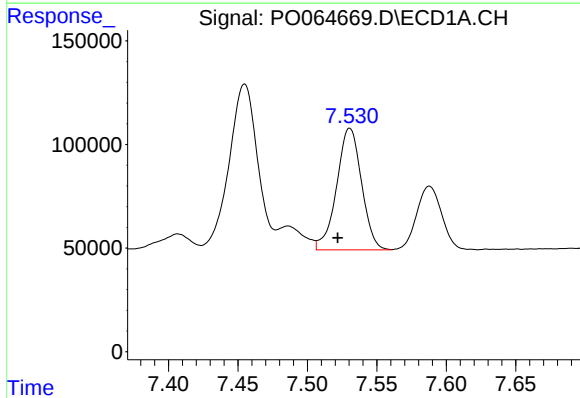
R.T.: 8.060 min
Delta R.T.: 0.010 min
Response: 1763843
Conc: 472.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



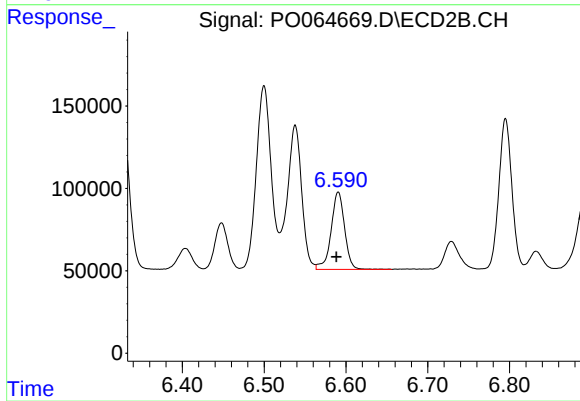
#35 AR-1260-5

R.T.: 7.037 min
Delta R.T.: 0.004 min
Response: 2498265
Conc: 532.68 ng/ml



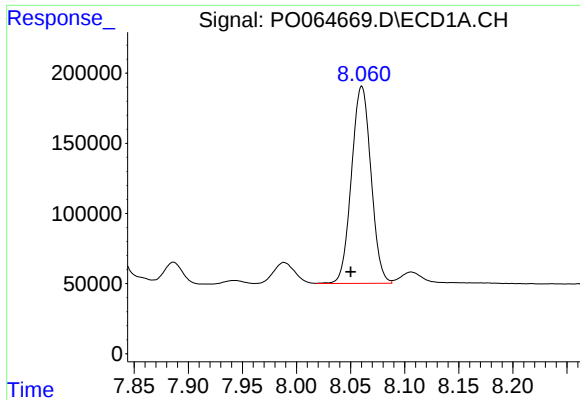
#36 AR-1262-1

R.T.: 7.531 min
Delta R.T.: 0.009 min
Response: 733817
Conc: 319.13 ng/ml



#36 AR-1262-1

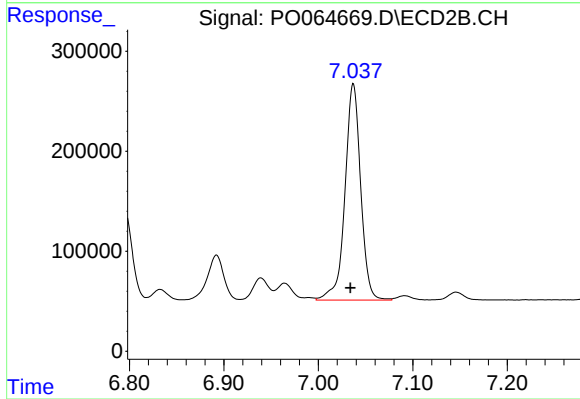
R.T.: 6.591 min
Delta R.T.: 0.002 min
Response: 539602
Conc: 470.34 ng/ml



#37 AR-1262-2

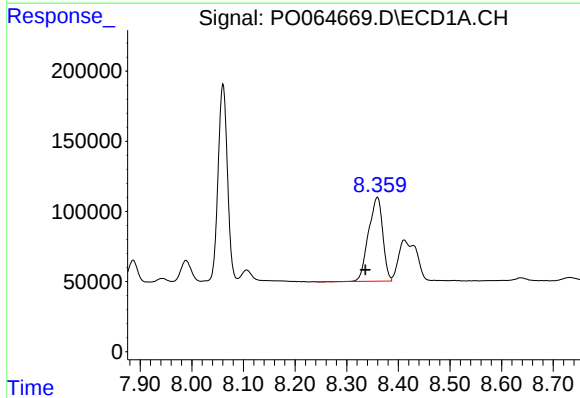
R.T.: 8.060 min
Delta R.T.: 0.010 min
Response: 1763843
Conc: 406.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



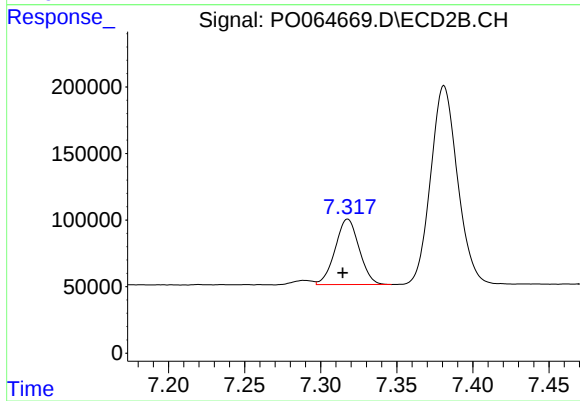
#37 AR-1262-2

R.T.: 7.037 min
Delta R.T.: 0.003 min
Response: 2498265
Conc: 457.20 ng/ml



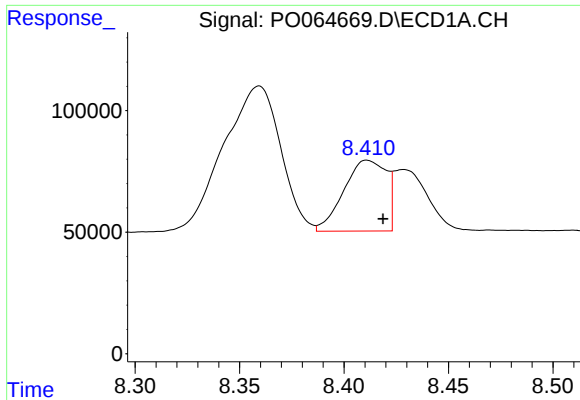
#38 AR-1262-3

R.T.: 8.359 min
Delta R.T.: 0.023 min
Response: 1143930
Conc: 393.10 ng/ml



#38 AR-1262-3

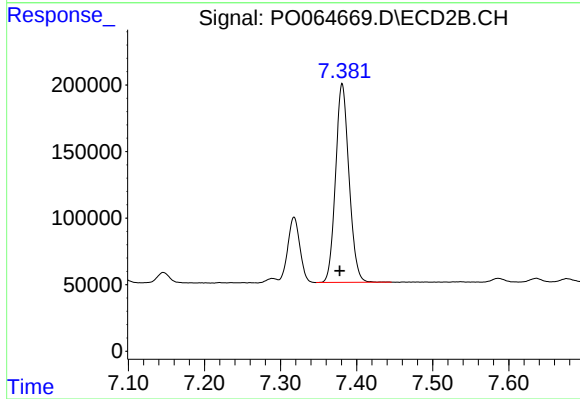
R.T.: 7.318 min
Delta R.T.: 0.003 min
Response: 539883
Conc: 259.21 ng/ml



#39 AR-1262-4

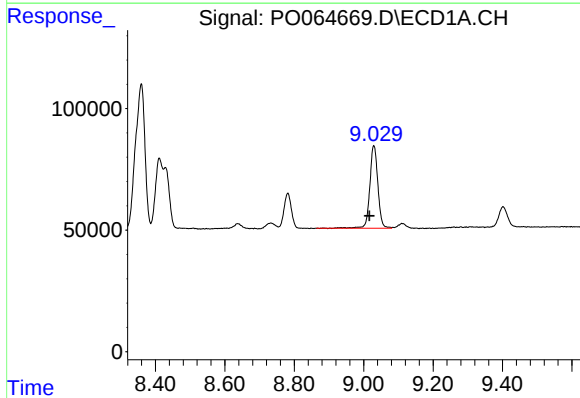
R.T.: 8.411 min
Delta R.T.: -0.008 min
Response: 412609
Conc: 190.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



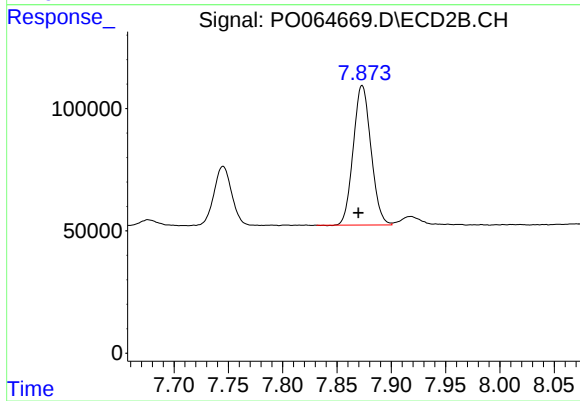
#39 AR-1262-4

R.T.: 7.381 min
Delta R.T.: 0.003 min
Response: 1832816
Conc: 460.38 ng/ml



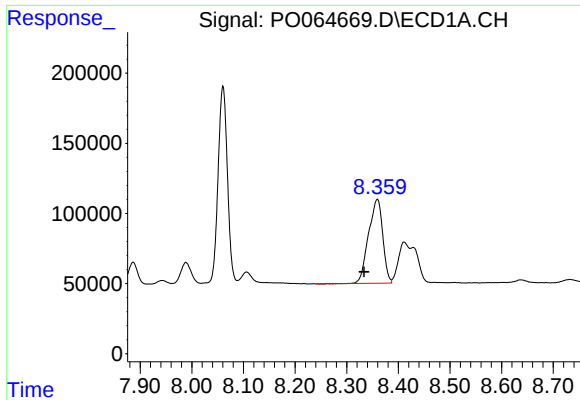
#40 AR-1262-5

R.T.: 9.029 min
Delta R.T.: 0.012 min
Response: 552289
Conc: 376.52 ng/ml



#40 AR-1262-5

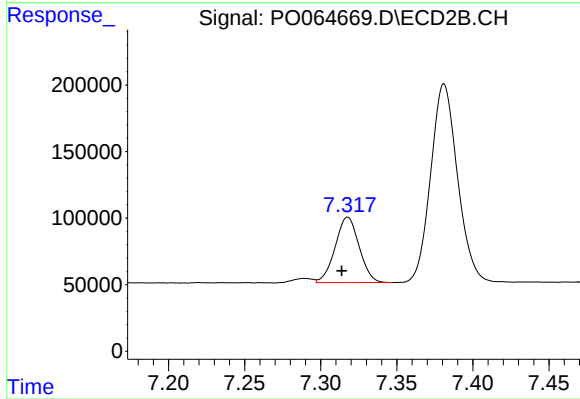
R.T.: 7.873 min
Delta R.T.: 0.004 min
Response: 649078
Conc: 372.27 ng/ml



#41 AR-1268-1

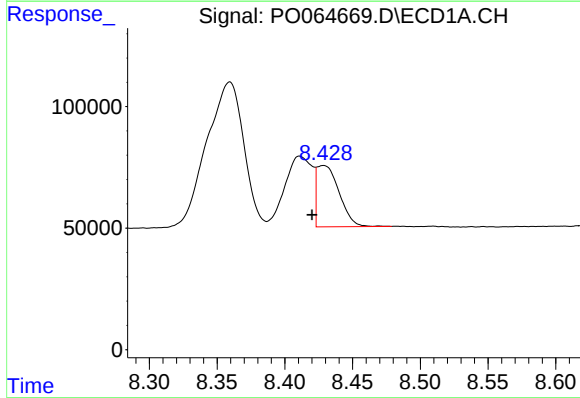
R.T.: 8.359 min
Delta R.T.: 0.026 min
Response: 1143930
Conc: 221.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



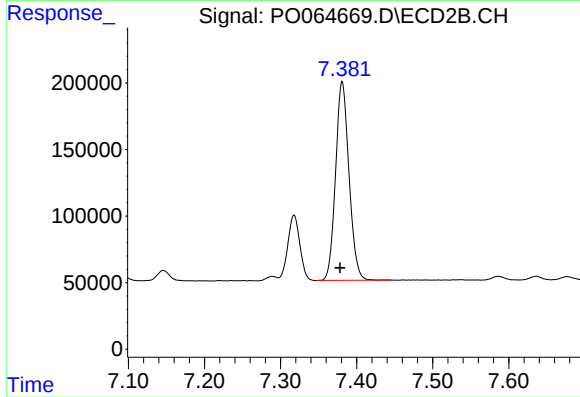
#41 AR-1268-1

R.T.: 7.318 min
Delta R.T.: 0.004 min
Response: 539883
Conc: 84.43 ng/ml



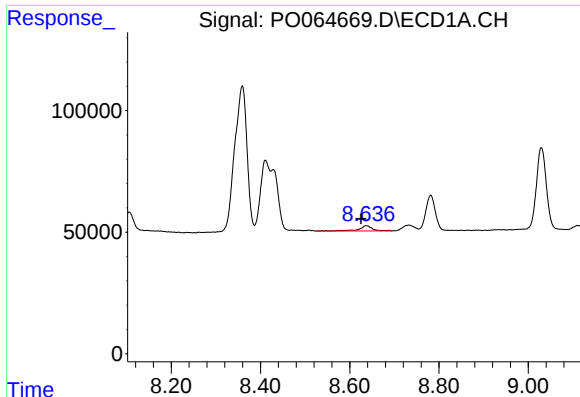
#42 AR-1268-2

R.T.: 8.429 min
Delta R.T.: 0.008 min
Response: 288951
Conc: 61.45 ng/ml



#42 AR-1268-2

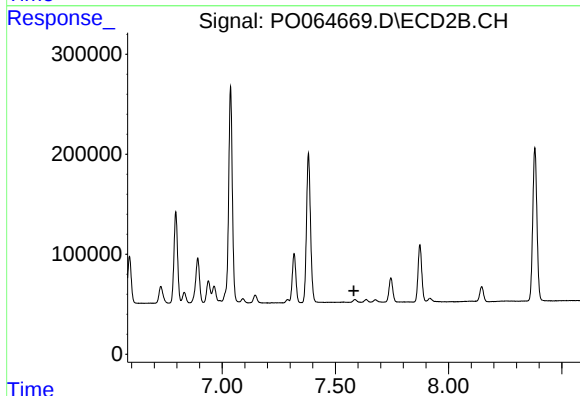
R.T.: 7.381 min
Delta R.T.: 0.003 min
Response: 1832816
Conc: 314.46 ng/ml



#43 AR-1268-3

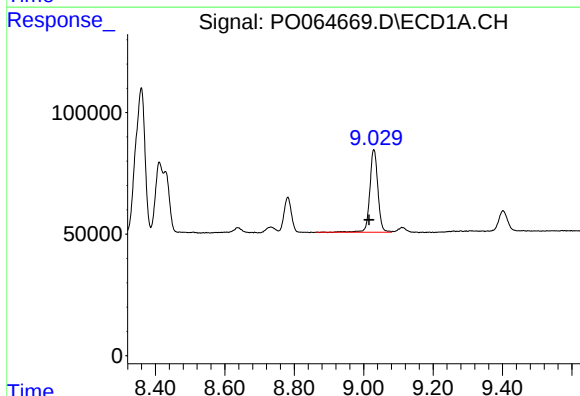
R.T.: 8.637 min
Delta R.T.: 0.011 min
Response: 48179
Conc: 12.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



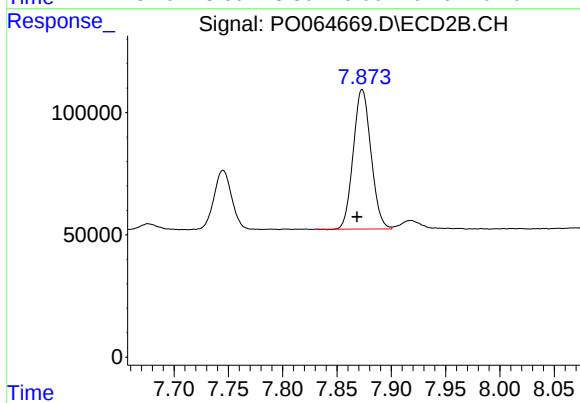
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.582 min
Response: 0
Conc: N.D.



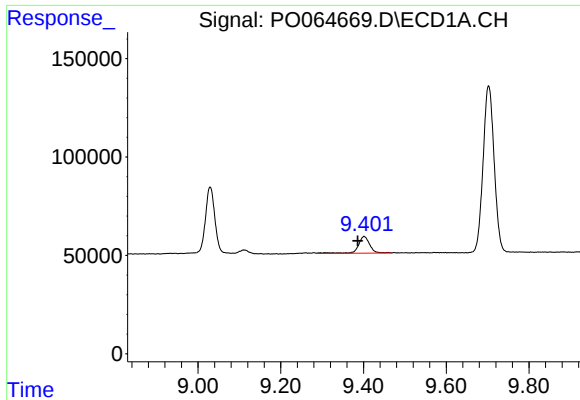
#44 AR-1268-4

R.T.: 9.029 min
Delta R.T.: 0.014 min
Response: 552289
Conc: 328.51 ng/ml



#44 AR-1268-4

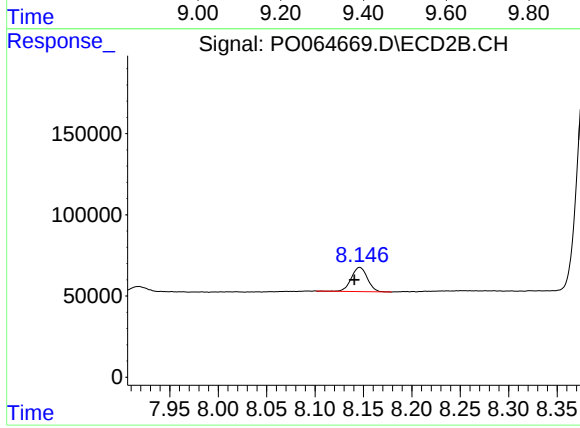
R.T.: 7.873 min
Delta R.T.: 0.005 min
Response: 649078
Conc: 322.46 ng/ml



#45 AR-1268-5

R.T.: 9.401 min
Delta R.T.: 0.015 min
Response: 165612
Conc: 13.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.146 min
Delta R.T.: 0.005 min
Response: 172006
Conc: 11.89 ng/ml