

Data Path : P:\HPCHEM1\ECD_0\Data\P0051018\
 Data File : P0044586.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 May 2018 20:19
 Operator : SM/UA
 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: May 10 21:07:13 2018
 Quant Method : P:\HPCHEM1\ECD_0\methods\P0050918.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 10 02:14:16 2018
 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...	4.038	3.303	12746822	17432055	63.364	64.375
2) SA Decachlor...	9.358	8.044	7698625	8410289	53.021	48.138
Target Compounds						
3) L1 AR-1016-1	4.897	4.111	2941065	4108608	599.588	629.602
4) L1 AR-1016-2	5.236	4.542	3446033	3753150	545.087	659.950
5) L1 AR-1016-3	5.330	4.580	2718896	4474078	537.338	655.952
6) L1 AR-1016-4	5.749	4.743	2611810	5329149	546.551	706.195 #
7) L1 AR-1016-5	5.978	5.076	2082130	4445048	533.861	581.546
8) L2 AR-1221-1	4.236	3.503	370174	506865	106.091	109.849
9) L2 AR-1221-2	4.323	3.585	571849	756631	224.722	225.197
10) L2 AR-1221-3	4.394	3.654	2199434	2881520	266.449	259.646
11) L3 AR-1232-1	4.394	3.654	2199434	2881520	266.449	259.646
12) L3 AR-1232-2	5.156	4.333	3350067	13813403	1138.207	1207.865
13) L3 AR-1232-3	5.175	4.389	5767703	6109698	1161.090	1324.068
14) L3 AR-1232-4	5.236	4.501	3446033	4828197	1171.710	1402.250
15) L3 AR-1232-5	5.330	4.580	2718896	4474078	1173.087	1493.594 #
16) L4 AR-1242-1	4.714	4.111	2771363	4108608	723.303	768.263
17) L4 AR-1242-2	5.175	4.333	5767703	13813403	672.978	693.773
18) L4 AR-1242-3	5.330	4.501	2718896	4828197	659.467	808.486
19) L4 AR-1242-4	5.614	4.580	2464385	4474078	616.179	782.639 #
20) L4 AR-1242-5	5.749	4.743	2611810	5329149	582.531	859.438 #
21) L5 AR-1248-1	5.614	4.743	2464385	5329149	377.667	530.009 #
22) L5 AR-1248-2	5.749	4.881	2611810	5688660	459.896	633.110 #
23) L5 AR-1248-3	6.004	5.076	888239	4445048	113.945	294.898 #
24) L5 AR-1248-4	6.041	5.117	790454	1684891	104.207	138.800 #
25) L5 AR-1248-5	6.189	5.614	1822051	4505818	377.446	688.376 #
26) L6 AR-1254-1	6.189	5.076	1822051	4445048	151.585	261.251 #
27) L6 AR-1254-2	6.462	5.220	306016	2953320	43.246	201.976 #
28) L6 AR-1254-3	6.547	5.614	1109382	4505818	91.762	191.931 #
29) L6 AR-1254-4	6.823	5.829	833773	290600	86.312	16.027 #
30) L6 AR-1254-5	7.082	6.128	2402510	752951	361.601	72.491 #
31) L7 AR-1260-1	6.706	5.727	4723914	6400690	586.609	425.766 #
32) L7 AR-1260-2	6.957	5.914	5654760	8071654	539.877	440.484
33) L7 AR-1260-3	7.307	6.228	4342491	7704436	526.031	471.011
34) L7 AR-1260-4	7.830	6.756	9151982	13399228	531.060	491.480
35) L7 AR-1260-5	8.112	7.089	5466276	8986048	543.384	503.330
36) L8 AR-1262-1	6.706	5.914	4723914	8071654	608.079	471.096
37) L8 AR-1262-2	6.957	6.056	5654760	6964530	564.618	426.710
38) L8 AR-1262-3	7.233	6.261	6909990	6914226	775.772	252.498 #

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 Operator : SM/UA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

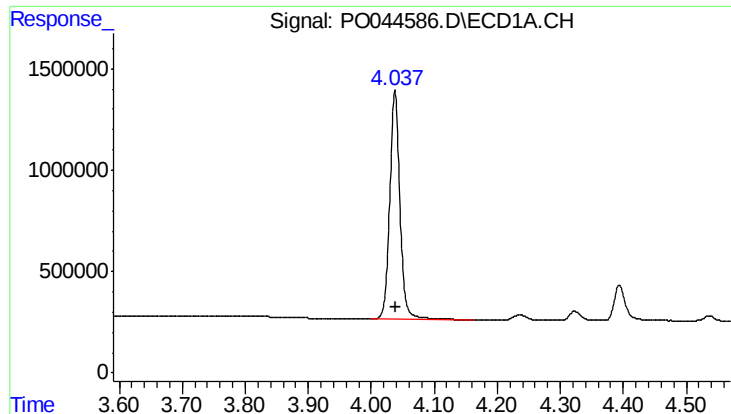
Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 21:07:13 2018
 Quant Method : P:\HPCHEM1\ECD_0\methods\P0050918.M
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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	
39)	L8 AR-1262-4	7.529	6.512	4185533	5298842	353.539	243.445	#
40)	L8 AR-1262-5	7.830	6.756	9151982	13399228	370.980	295.035	
41)	L9 AR-1268-1	8.112	7.024	5466276	3038859	208.967	66.849	#
42)	L9 AR-1268-2	8.162	7.089	3417754	8986048	148.424	220.598	#
44)	L9 AR-1268-4	8.738	7.579	2432035	2690726	291.364	211.111	#
45)	L9 AR-1268-5	9.083	7.839	607663	671954	10.129	7.395	#

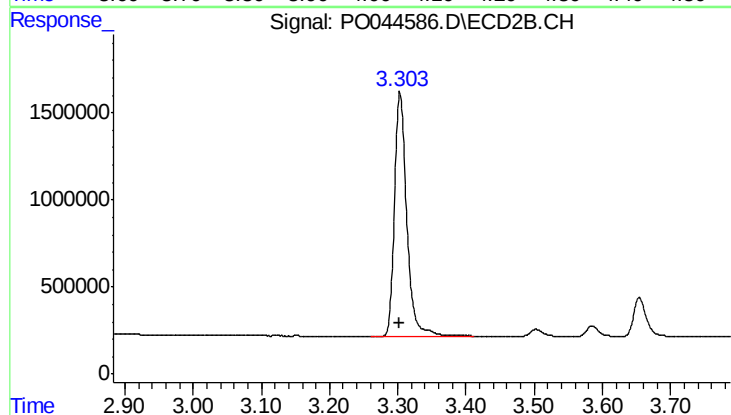
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

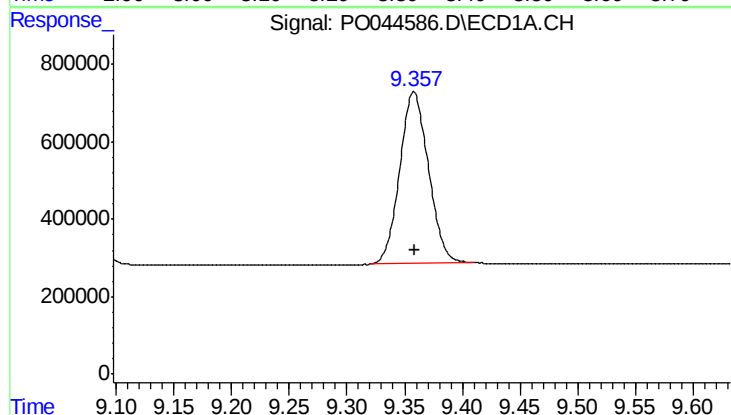
R.T.: 4.038 min
Delta R.T.: -0.001 min
Response: 12746822
Conc: 63.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



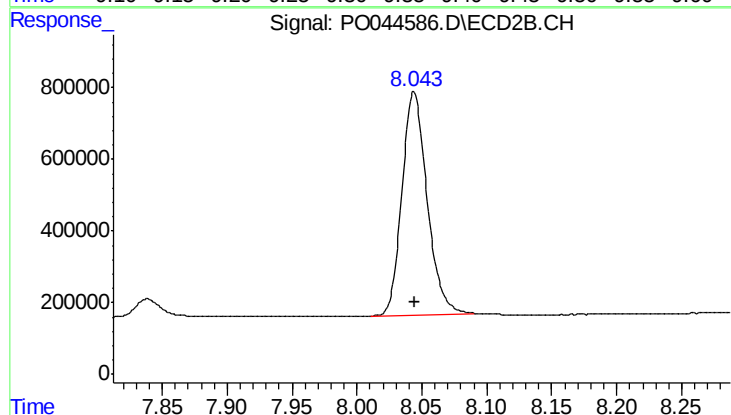
#1 Tetrachloro-m-xylene

R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 17432055
Conc: 64.38 ng/ml



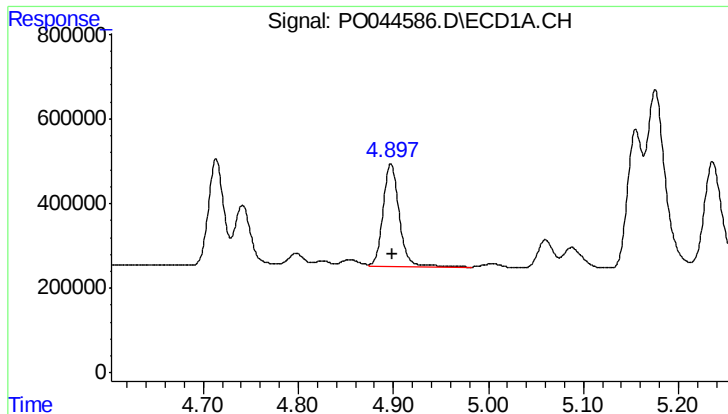
#2 Decachlorobiphenyl

R.T.: 9.358 min
Delta R.T.: -0.001 min
Response: 7698625
Conc: 53.02 ng/ml



#2 Decachlorobiphenyl

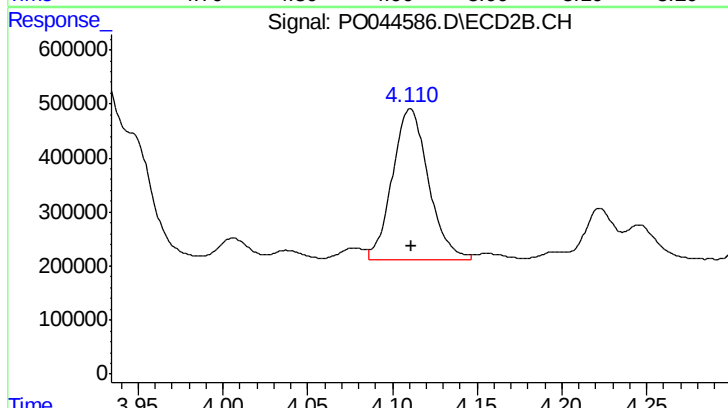
R.T.: 8.044 min
Delta R.T.: 0.000 min
Response: 8410289
Conc: 48.14 ng/ml



#3 AR-1016-1

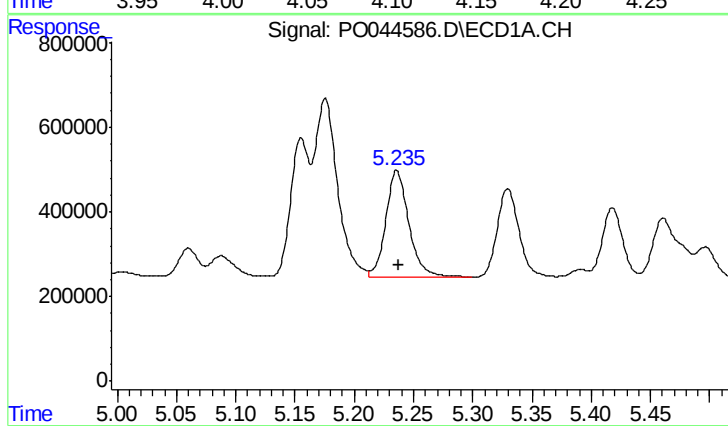
R.T.: 4.897 min
Delta R.T.: -0.002 min
Response: 2941065
Conc: 599.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



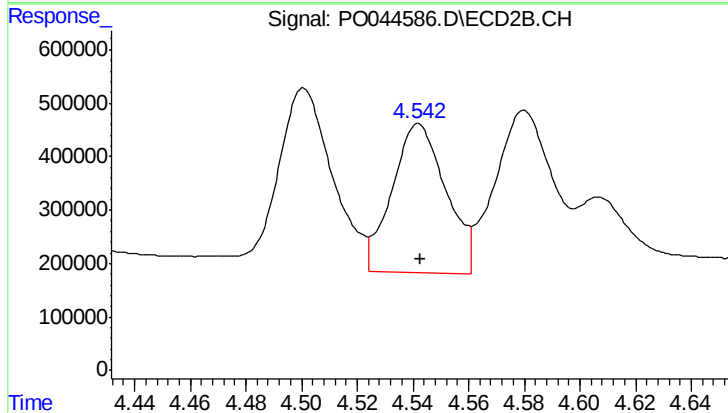
#3 AR-1016-1

R.T.: 4.111 min
Delta R.T.: 0.000 min
Response: 4108608
Conc: 629.60 ng/ml



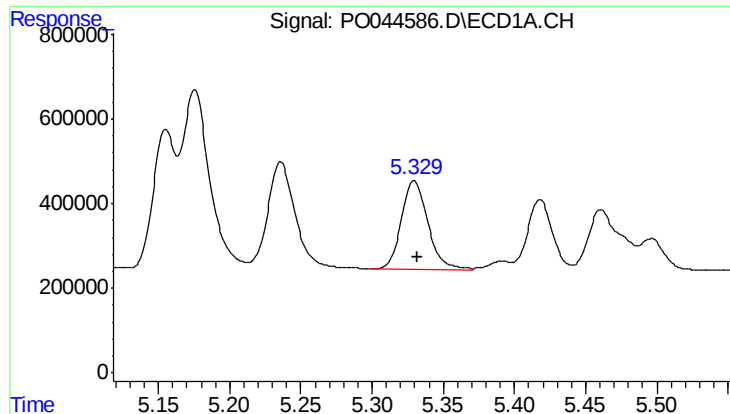
#4 AR-1016-2

R.T.: 5.236 min
Delta R.T.: -0.001 min
Response: 3446033
Conc: 545.09 ng/ml



#4 AR-1016-2

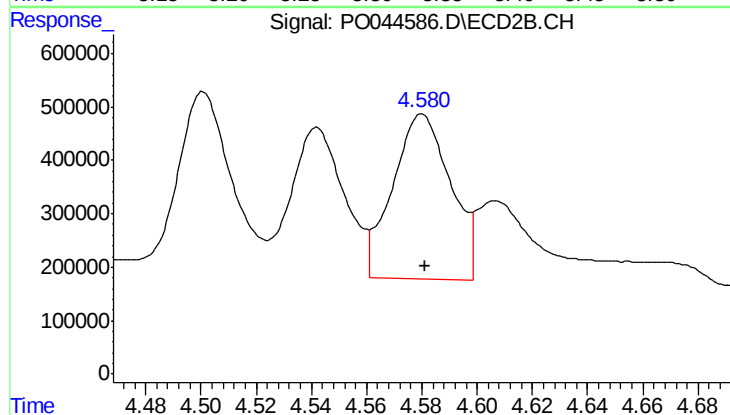
R.T.: 4.542 min
Delta R.T.: 0.000 min
Response: 3753150
Conc: 659.95 ng/ml



#5 AR-1016-3

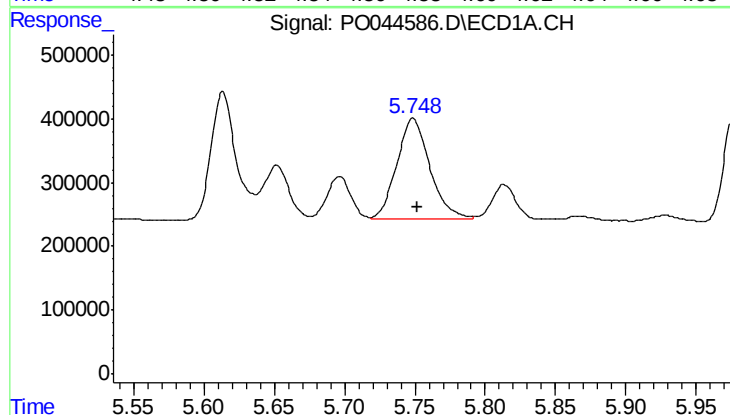
R.T.: 5.330 min
Delta R.T.: -0.002 min
Response: 2718896
Conc: 537.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



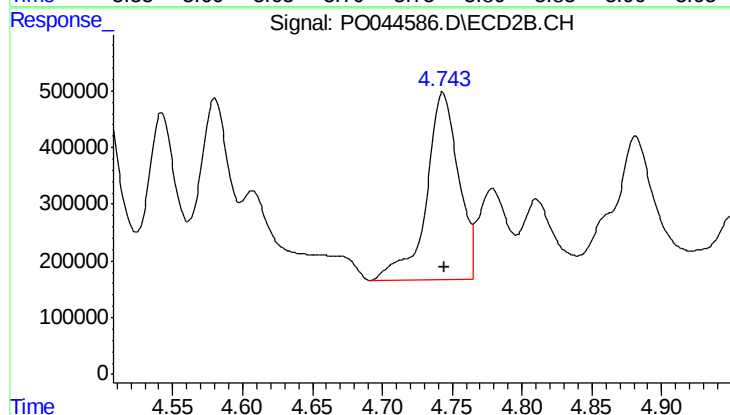
#5 AR-1016-3

R.T.: 4.580 min
Delta R.T.: 0.000 min
Response: 4474078
Conc: 655.95 ng/ml



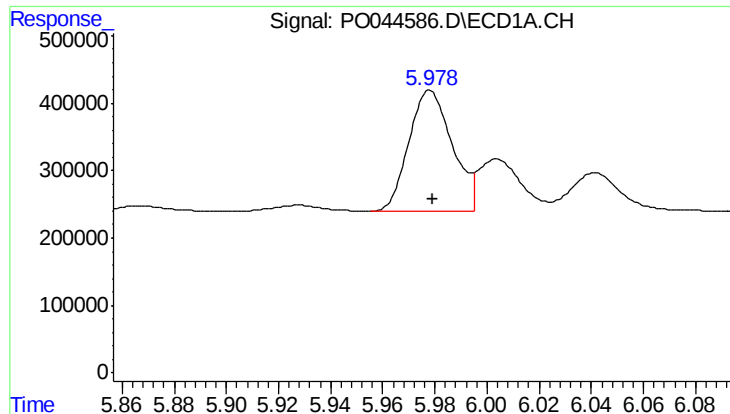
#6 AR-1016-4

R.T.: 5.749 min
Delta R.T.: -0.003 min
Response: 2611810
Conc: 546.55 ng/ml



#6 AR-1016-4

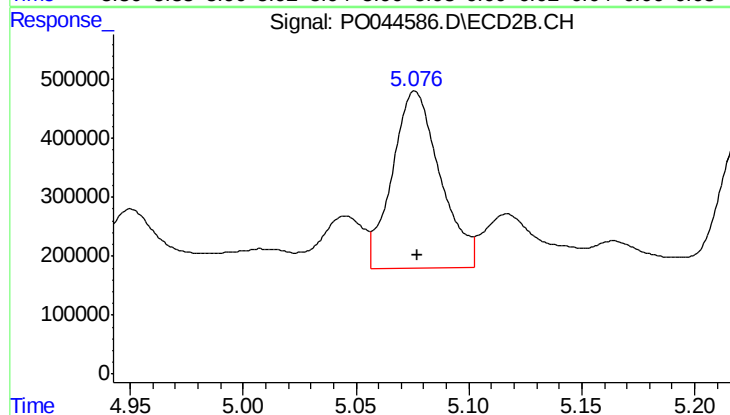
R.T.: 4.743 min
Delta R.T.: -0.001 min
Response: 5329149
Conc: 706.20 ng/ml



#7 AR-1016-5

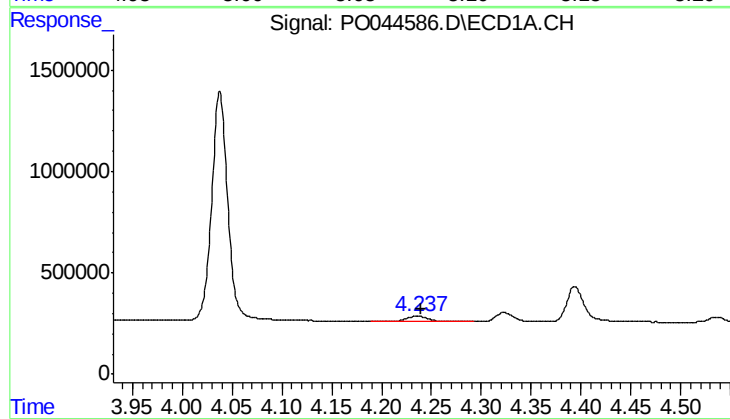
R.T.: 5.978 min
Delta R.T.: -0.001 min
Response: 2082130
Conc: 533.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



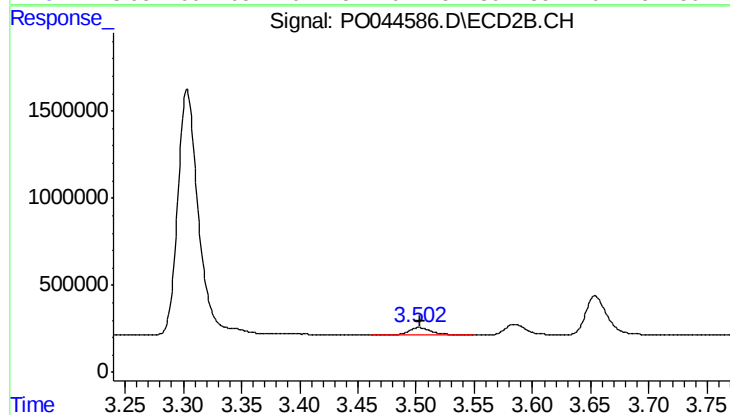
#7 AR-1016-5

R.T.: 5.076 min
Delta R.T.: -0.001 min
Response: 4445048
Conc: 581.55 ng/ml



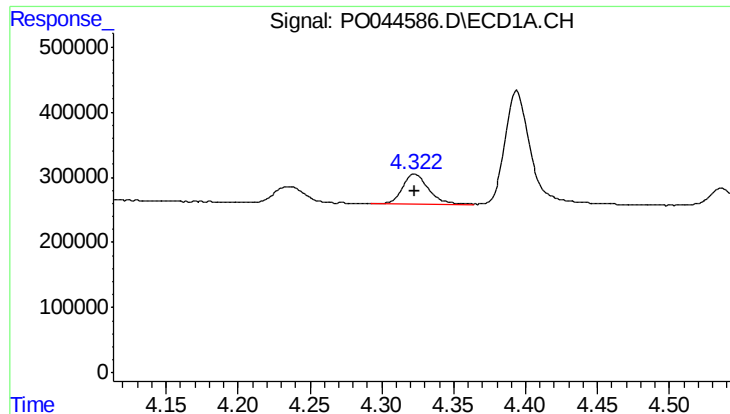
#8 AR-1221-1

R.T.: 4.236 min
Delta R.T.: -0.004 min
Response: 370174
Conc: 106.09 ng/ml



#8 AR-1221-1

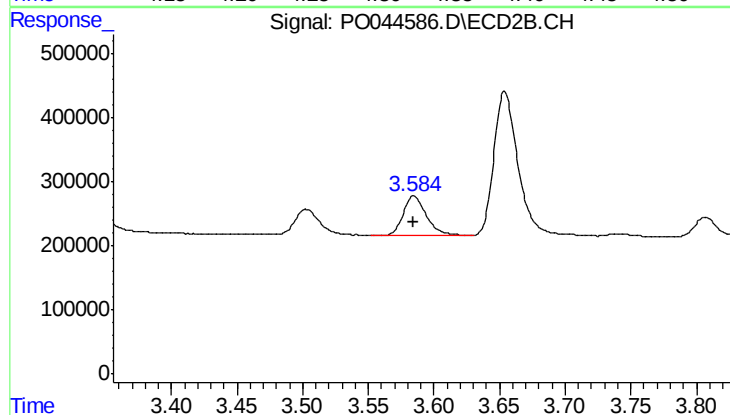
R.T.: 3.503 min
Delta R.T.: 0.000 min
Response: 506865
Conc: 109.85 ng/ml



#9 AR-1221-2

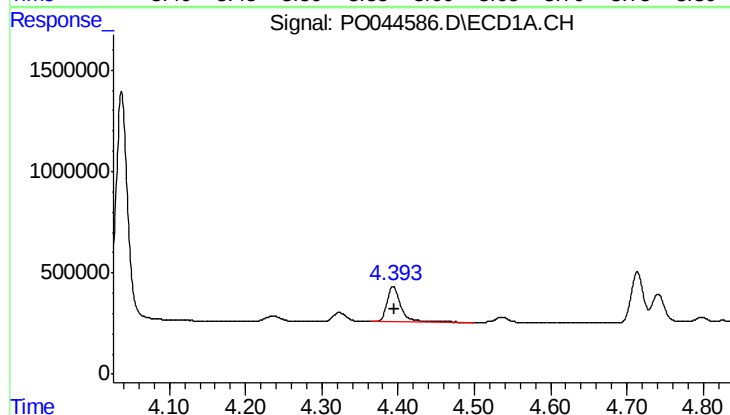
R.T.: 4.323 min
Delta R.T.: 0.000 min
Response: 571849
Conc: 224.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



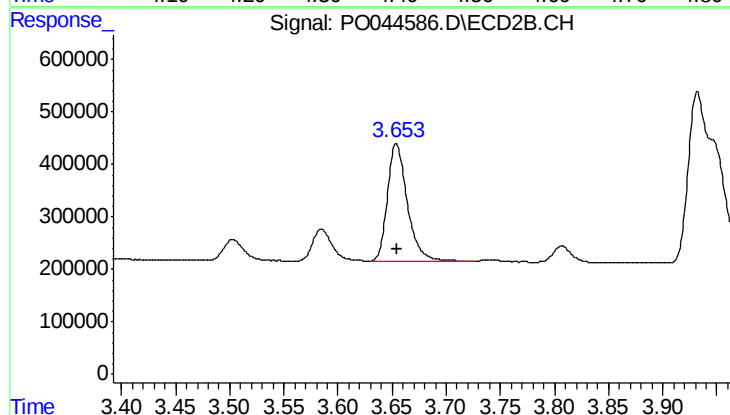
#9 AR-1221-2

R.T.: 3.585 min
Delta R.T.: 0.000 min
Response: 756631
Conc: 225.20 ng/ml



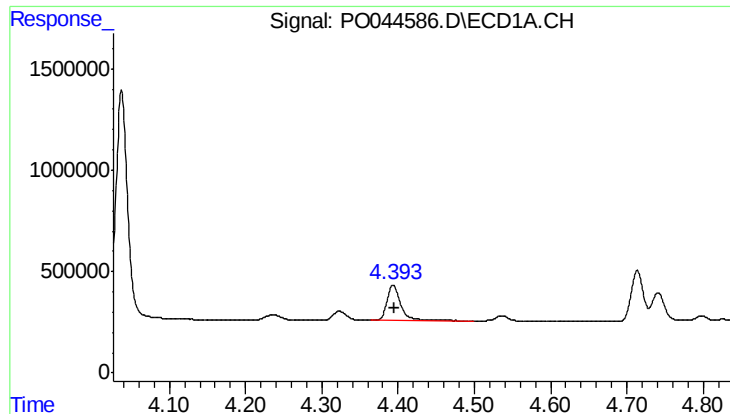
#10 AR-1221-3

R.T.: 4.394 min
Delta R.T.: 0.000 min
Response: 2199434
Conc: 266.45 ng/ml



#10 AR-1221-3

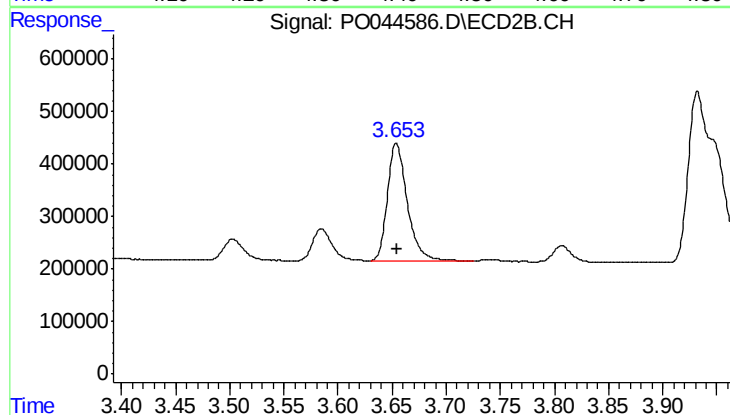
R.T.: 3.654 min
Delta R.T.: 0.000 min
Response: 2881520
Conc: 259.65 ng/ml



#11 AR-1232-1

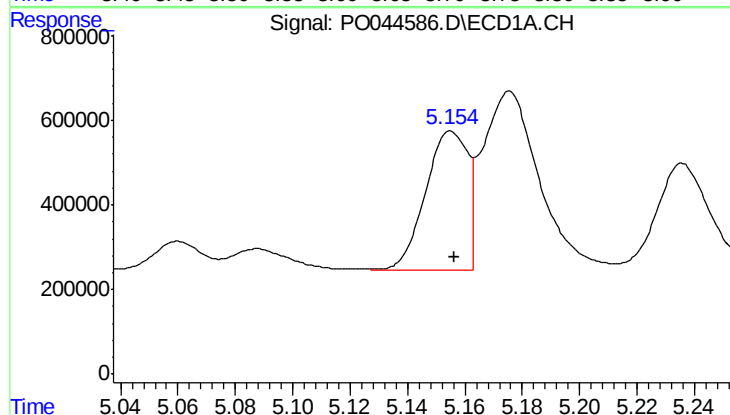
R.T.: 4.394 min
Delta R.T.: 0.000 min
Response: 2199434
Conc: 266.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



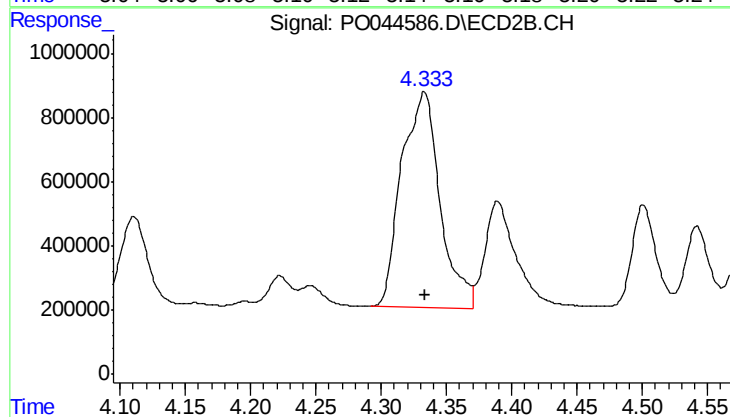
#11 AR-1232-1

R.T.: 3.654 min
Delta R.T.: 0.000 min
Response: 2881520
Conc: 259.65 ng/ml



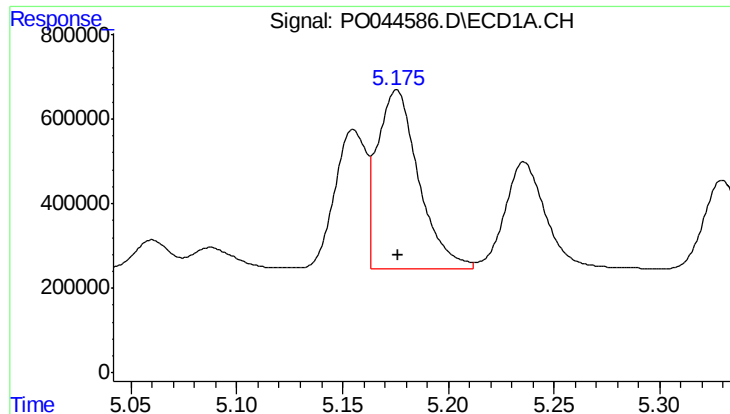
#12 AR-1232-2

R.T.: 5.156 min
Delta R.T.: -0.001 min
Response: 3350067
Conc: 1138.21 ng/ml



#12 AR-1232-2

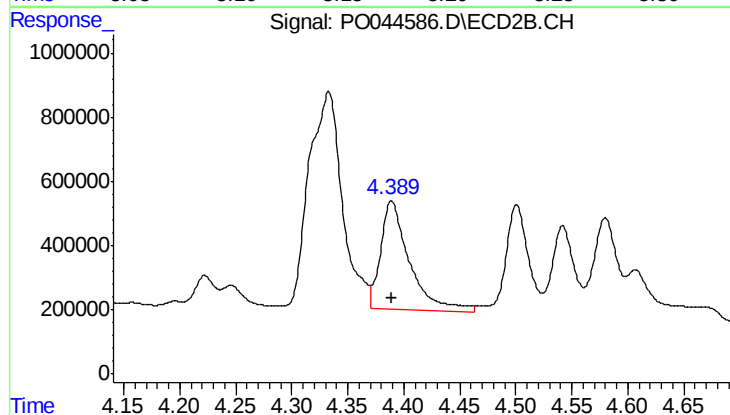
R.T.: 4.333 min
Delta R.T.: 0.000 min
Response: 13813403
Conc: 1207.86 ng/ml



#13 AR-1232-3

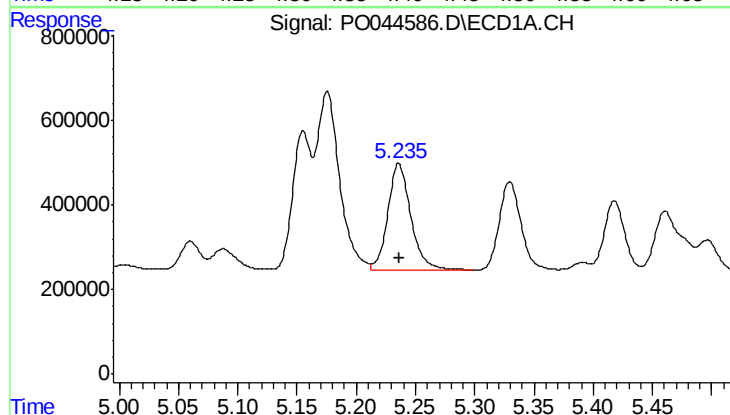
R.T.: 5.175 min
Delta R.T.: -0.001 min
Response: 5767703
Conc: 1161.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



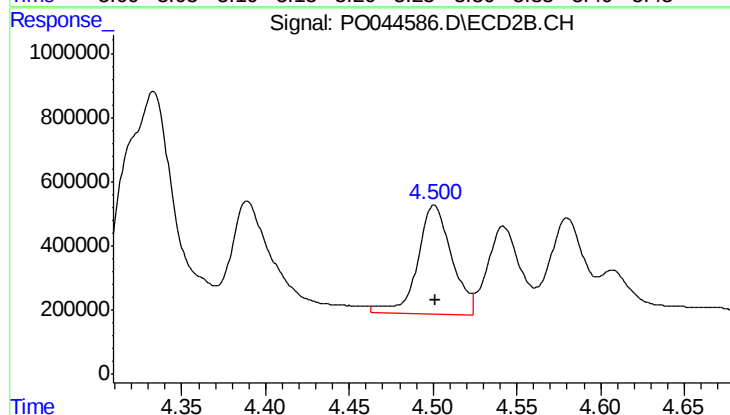
#13 AR-1232-3

R.T.: 4.389 min
Delta R.T.: 0.000 min
Response: 6109698
Conc: 1324.07 ng/ml



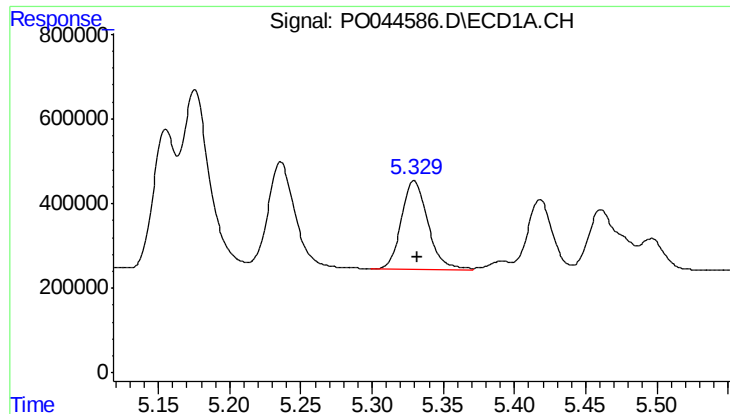
#14 AR-1232-4

R.T.: 5.236 min
Delta R.T.: -0.001 min
Response: 3446033
Conc: 1171.71 ng/ml



#14 AR-1232-4

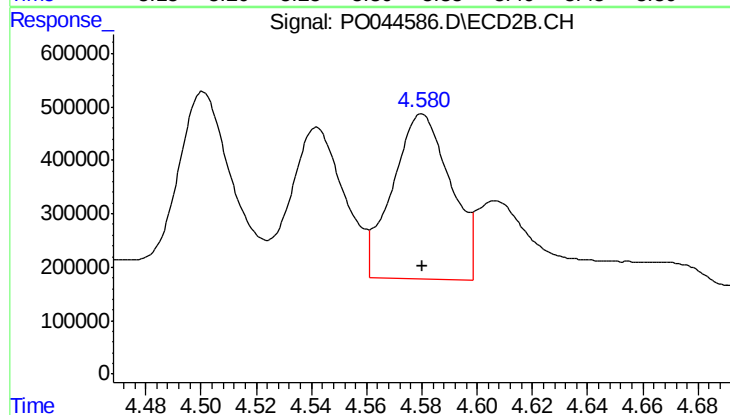
R.T.: 4.501 min
Delta R.T.: 0.000 min
Response: 4828197
Conc: 1402.25 ng/ml



#15 AR-1232-5

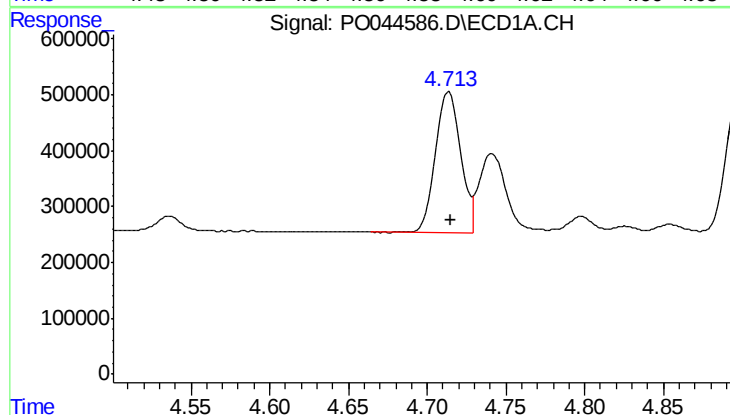
R.T.: 5.330 min
Delta R.T.: -0.002 min
Response: 2718896
Conc: 1173.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



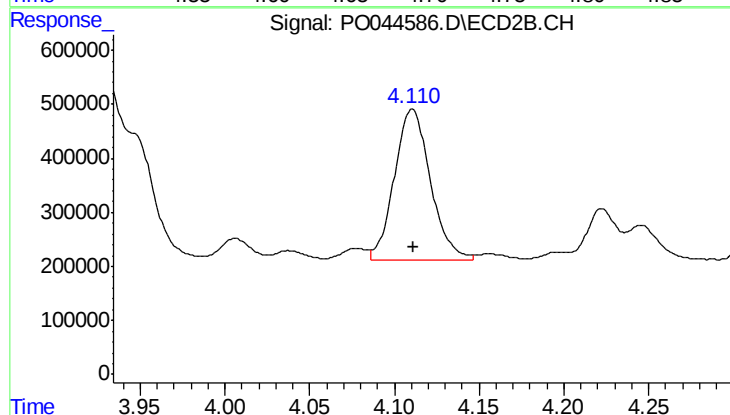
#15 AR-1232-5

R.T.: 4.580 min
Delta R.T.: 0.000 min
Response: 4474078
Conc: 1493.59 ng/ml



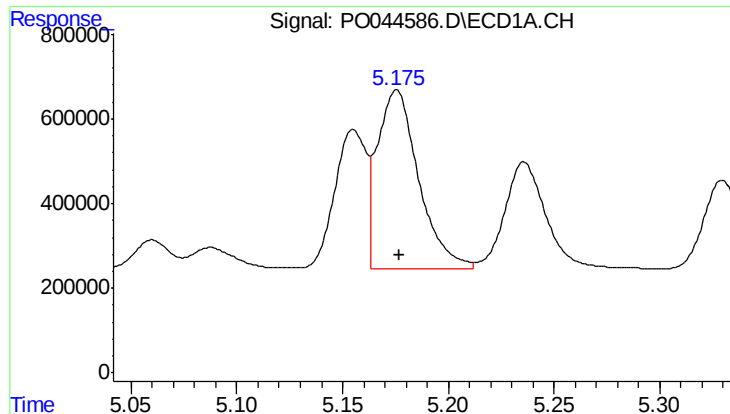
#16 AR-1242-1

R.T.: 4.714 min
Delta R.T.: -0.001 min
Response: 2771363
Conc: 723.30 ng/ml



#16 AR-1242-1

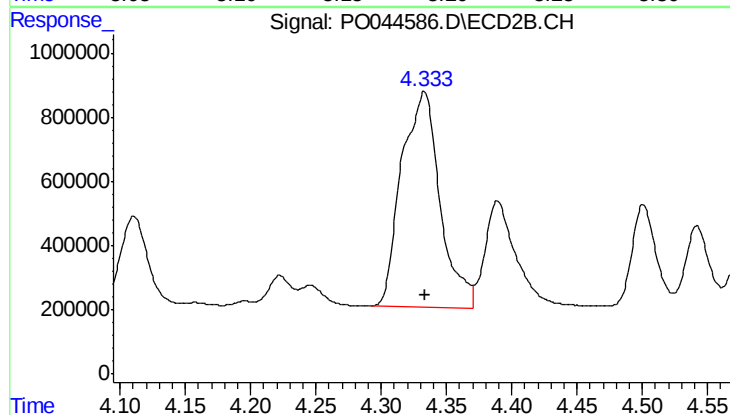
R.T.: 4.111 min
Delta R.T.: 0.000 min
Response: 4108608
Conc: 768.26 ng/ml



#17 AR-1242-2

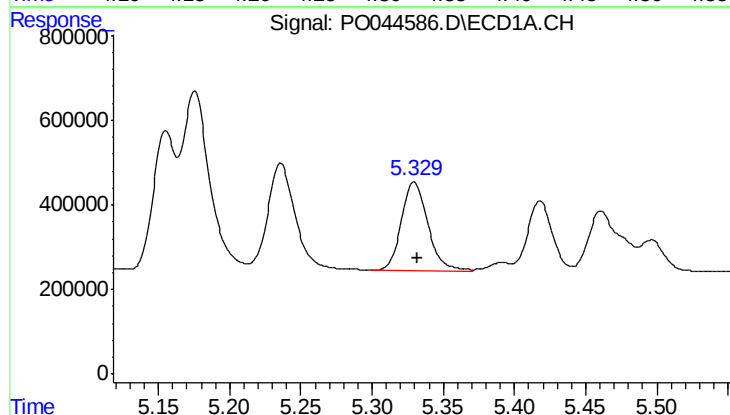
R.T.: 5.175 min
Delta R.T.: -0.002 min
Response: 5767703
Conc: 672.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



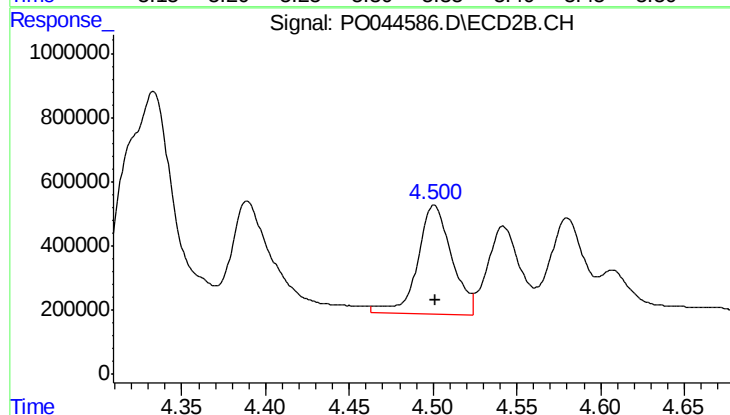
#17 AR-1242-2

R.T.: 4.333 min
Delta R.T.: 0.000 min
Response: 13813403
Conc: 693.77 ng/ml



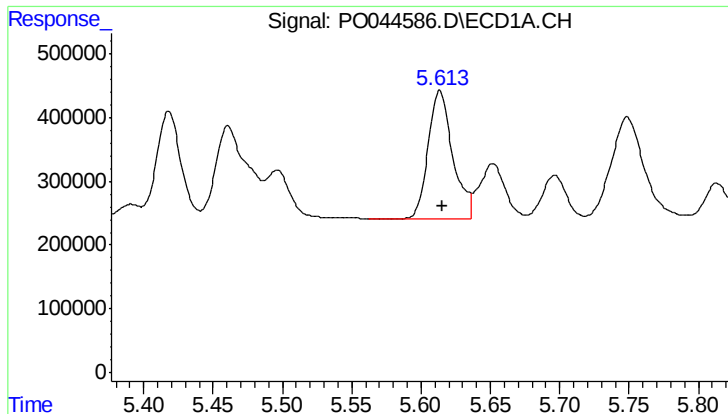
#18 AR-1242-3

R.T.: 5.330 min
Delta R.T.: -0.002 min
Response: 2718896
Conc: 659.47 ng/ml



#18 AR-1242-3

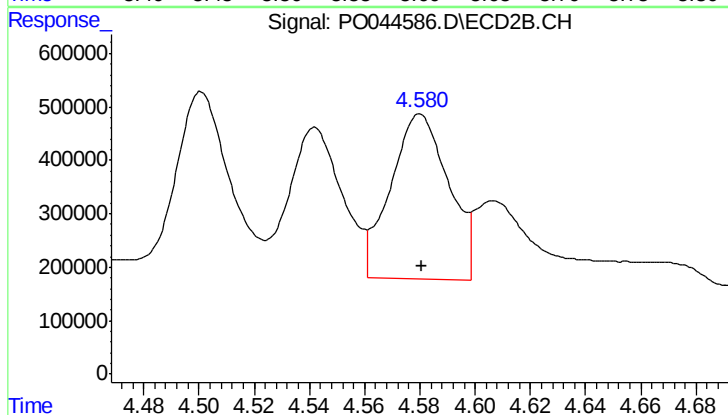
R.T.: 4.501 min
Delta R.T.: 0.000 min
Response: 4828197
Conc: 808.49 ng/ml



#19 AR-1242-4

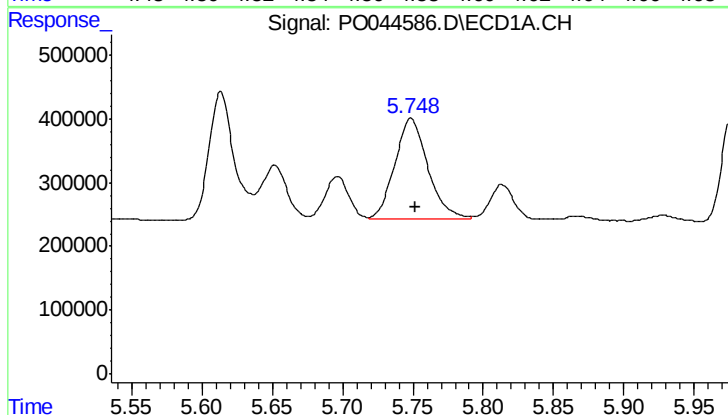
R.T.: 5.614 min
Delta R.T.: -0.002 min
Response: 2464385
Conc: 616.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



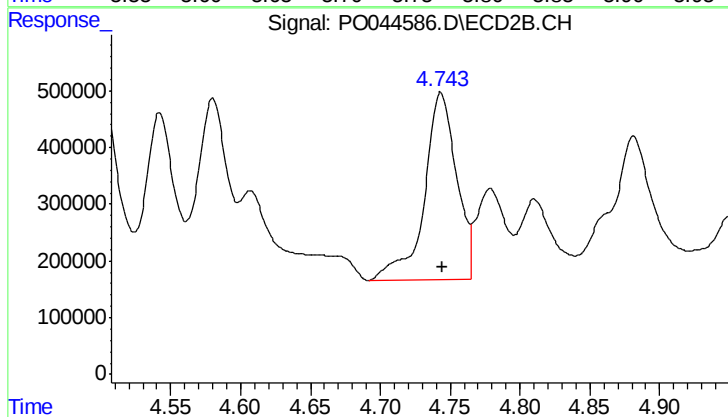
#19 AR-1242-4

R.T.: 4.580 min
Delta R.T.: 0.000 min
Response: 4474078
Conc: 782.64 ng/ml



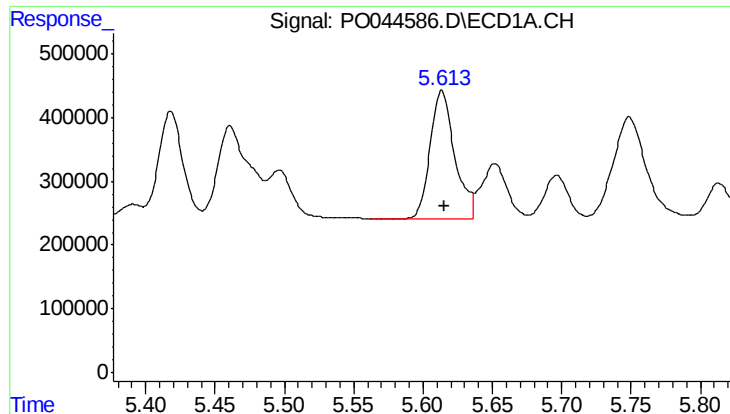
#20 AR-1242-5

R.T.: 5.749 min
Delta R.T.: -0.003 min
Response: 2611810
Conc: 582.53 ng/ml



#20 AR-1242-5

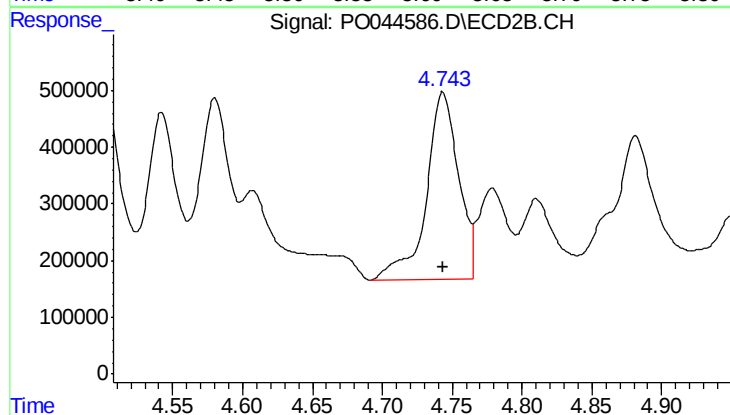
R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 5329149
Conc: 859.44 ng/ml



#21 AR-1248-1

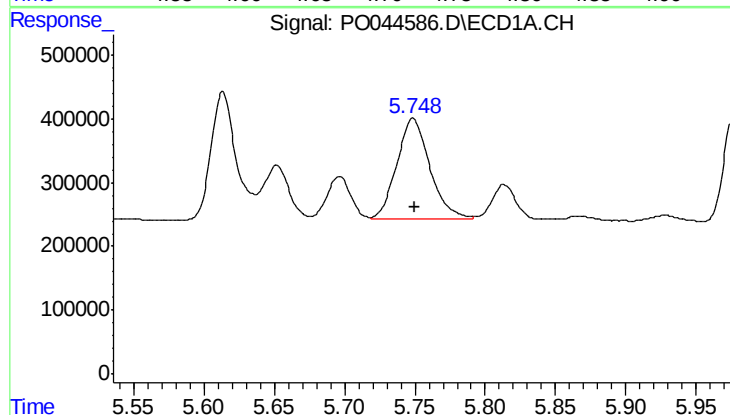
R.T.: 5.614 min
Delta R.T.: -0.001 min
Response: 2464385
Conc: 377.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



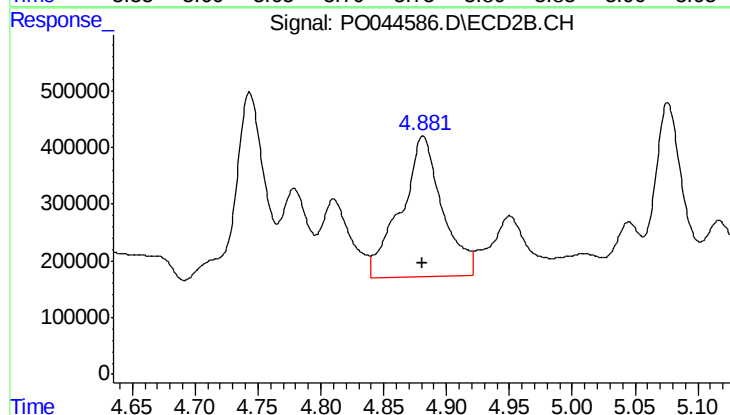
#21 AR-1248-1

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 5329149
Conc: 530.01 ng/ml



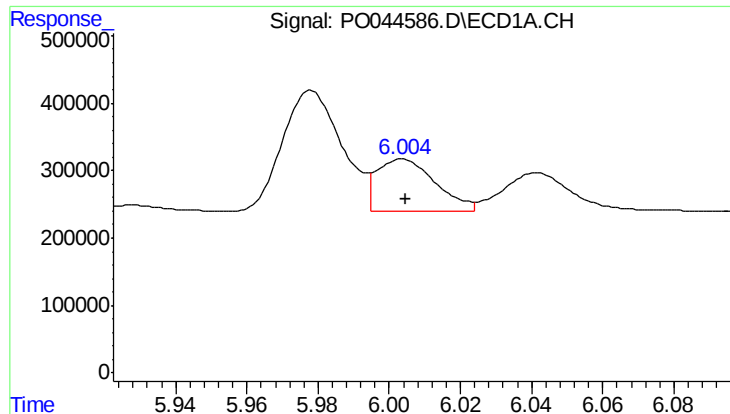
#22 AR-1248-2

R.T.: 5.749 min
Delta R.T.: -0.001 min
Response: 2611810
Conc: 459.90 ng/ml



#22 AR-1248-2

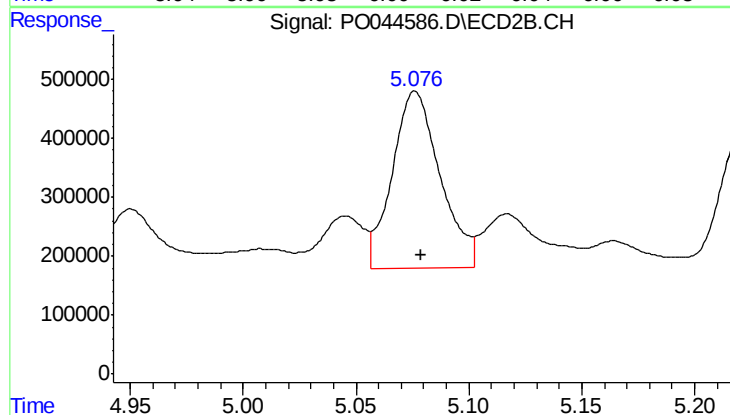
R.T.: 4.881 min
Delta R.T.: 0.000 min
Response: 5688660
Conc: 633.11 ng/ml



#23 AR-1248-3

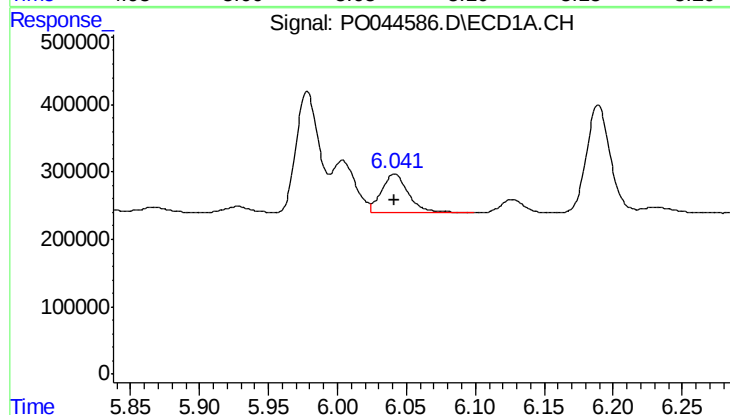
R.T.: 6.004 min
Delta R.T.: -0.001 min
Response: 888239
Conc: 113.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



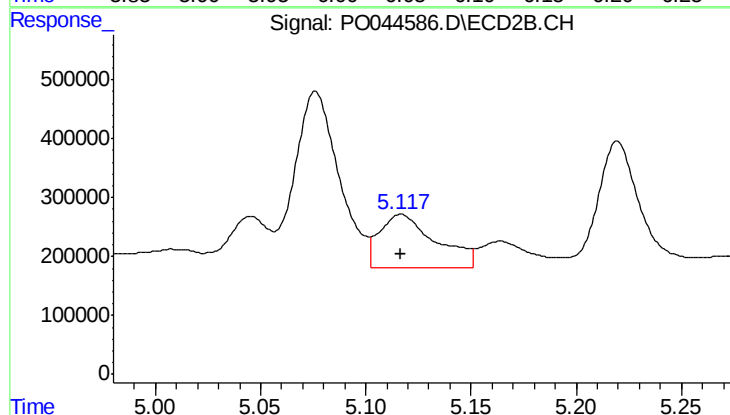
#23 AR-1248-3

R.T.: 5.076 min
Delta R.T.: -0.003 min
Response: 4445048
Conc: 294.90 ng/ml



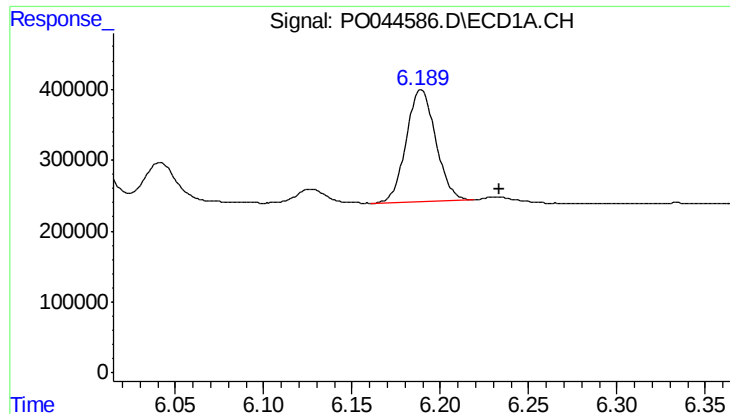
#24 AR-1248-4

R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 790454
Conc: 104.21 ng/ml



#24 AR-1248-4

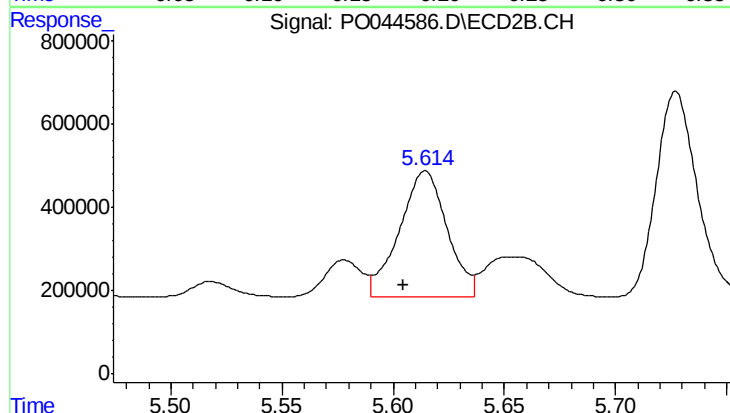
R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 1684891
Conc: 138.80 ng/ml



#25 AR-1248-5

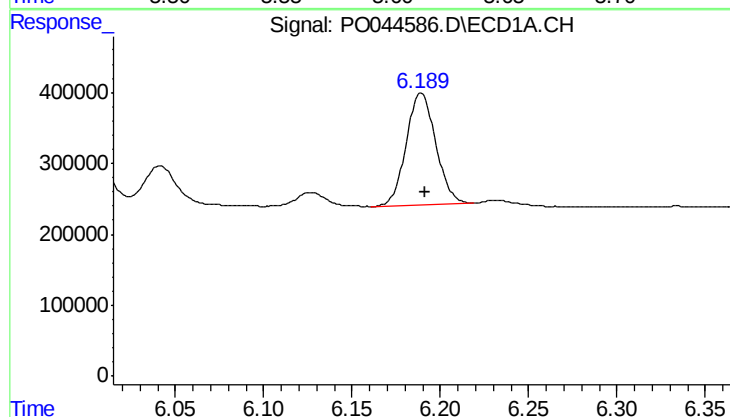
R.T.: 6.189 min
Delta R.T.: -0.044 min
Response: 1822051
Conc: 377.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



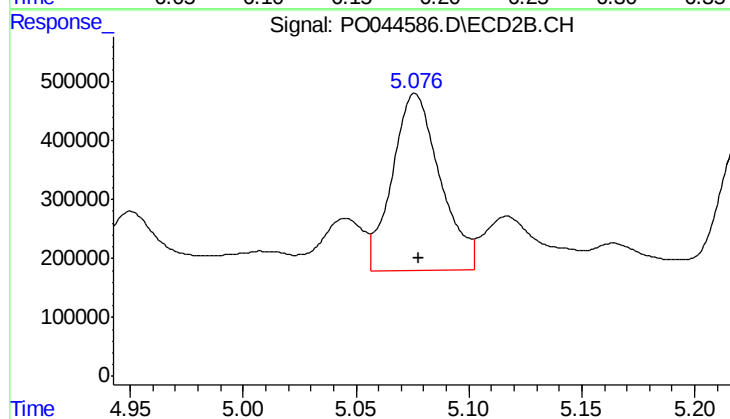
#25 AR-1248-5

R.T.: 5.614 min
Delta R.T.: 0.010 min
Response: 4505818
Conc: 688.38 ng/ml



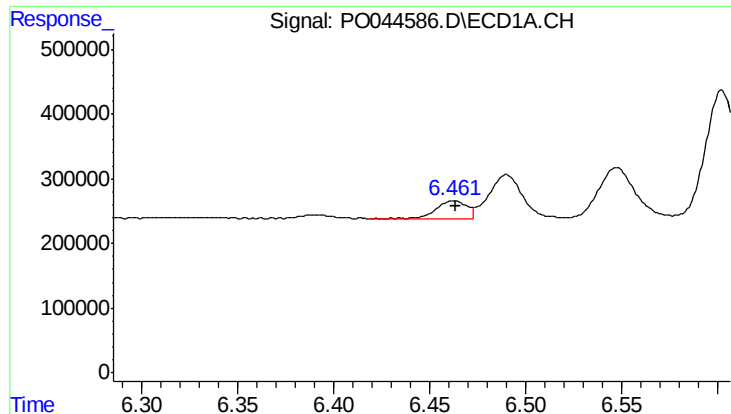
#26 AR-1254-1

R.T.: 6.189 min
Delta R.T.: -0.003 min
Response: 1822051
Conc: 151.58 ng/ml



#26 AR-1254-1

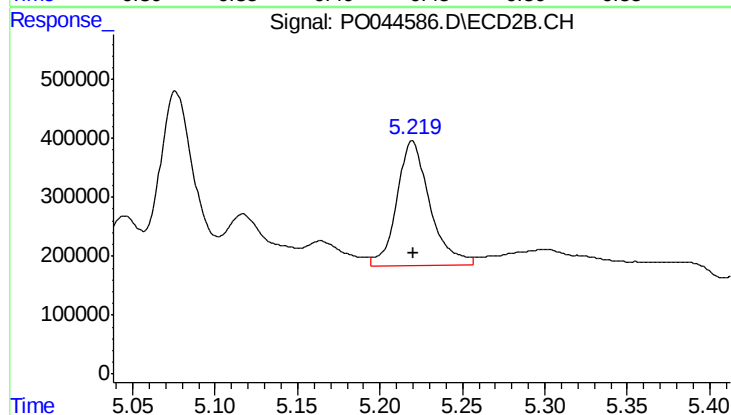
R.T.: 5.076 min
Delta R.T.: -0.001 min
Response: 4445048
Conc: 261.25 ng/ml



#27 AR-1254-2

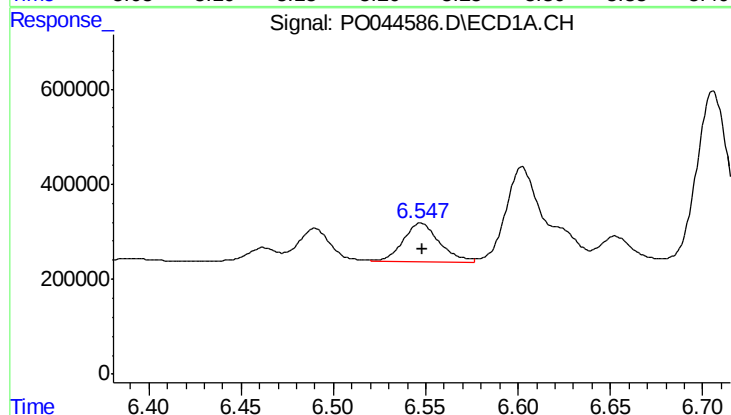
R.T.: 6.462 min
Delta R.T.: -0.001 min
Response: 306016
Conc: 43.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



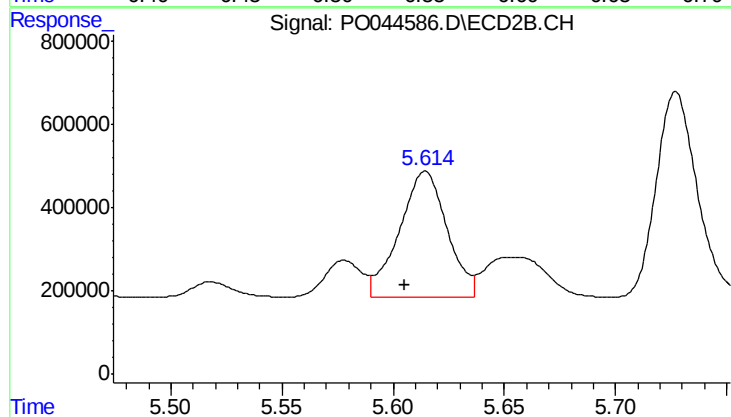
#27 AR-1254-2

R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 2953320
Conc: 201.98 ng/ml



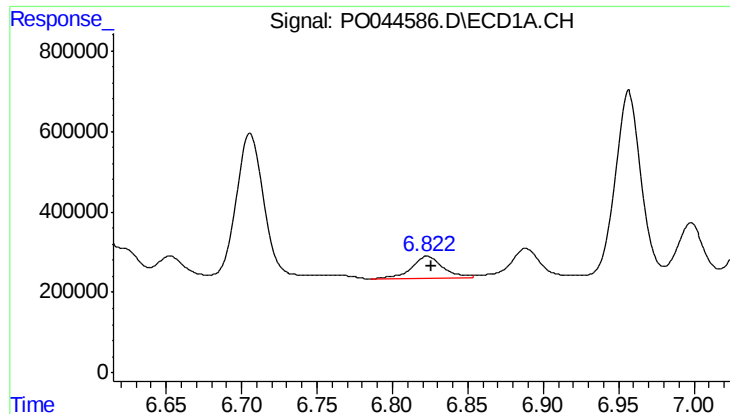
#28 AR-1254-3

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 1109382
Conc: 91.76 ng/ml



#28 AR-1254-3

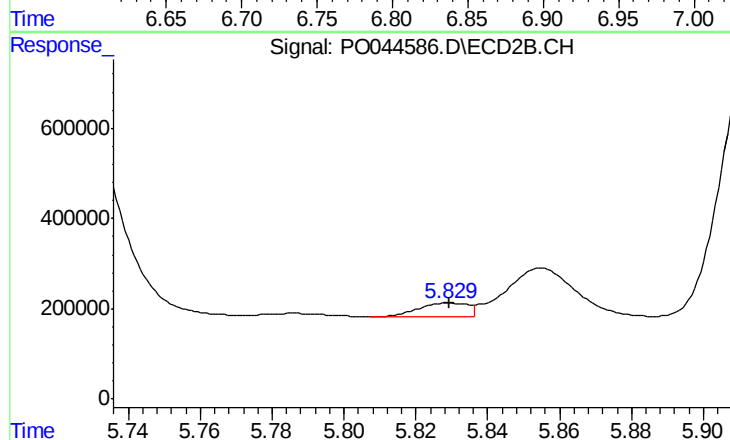
R.T.: 5.614 min
Delta R.T.: 0.009 min
Response: 4505818
Conc: 191.93 ng/ml



#29 AR-1254-4

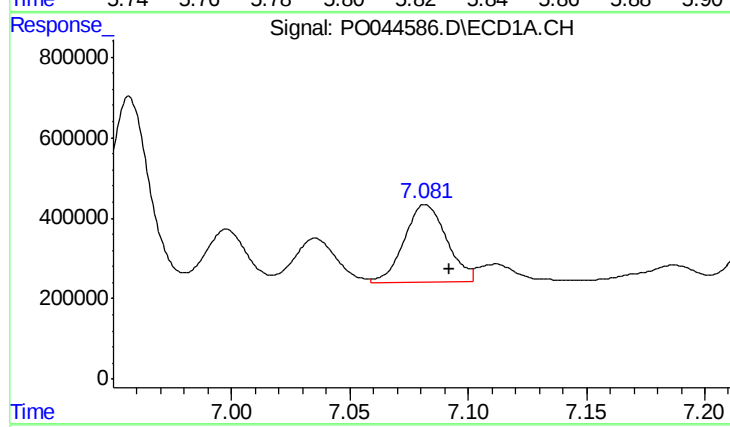
R.T.: 6.823 min
Delta R.T.: -0.003 min
Response: 833773
Conc: 86.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



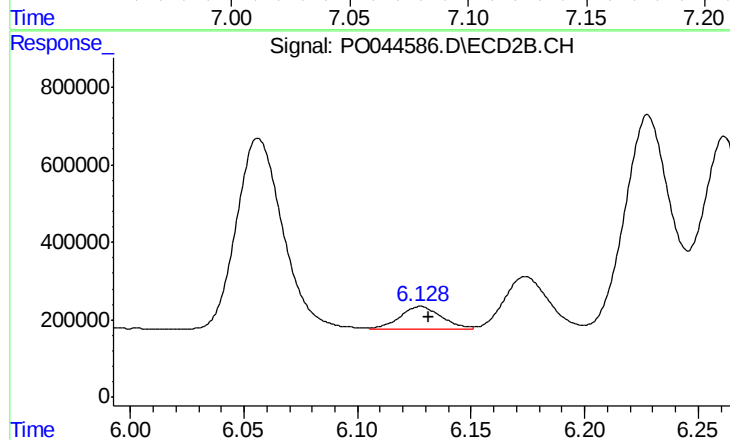
#29 AR-1254-4

R.T.: 5.829 min
Delta R.T.: 0.000 min
Response: 290600
Conc: 16.03 ng/ml



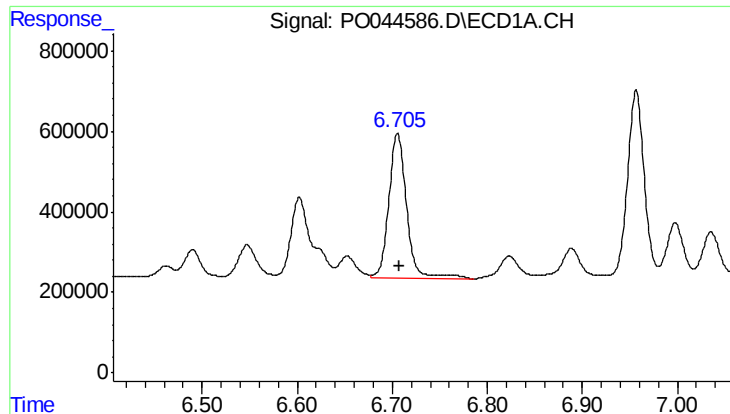
#30 AR-1254-5

R.T.: 7.082 min
Delta R.T.: -0.010 min
Response: 2402510
Conc: 361.60 ng/ml



#30 AR-1254-5

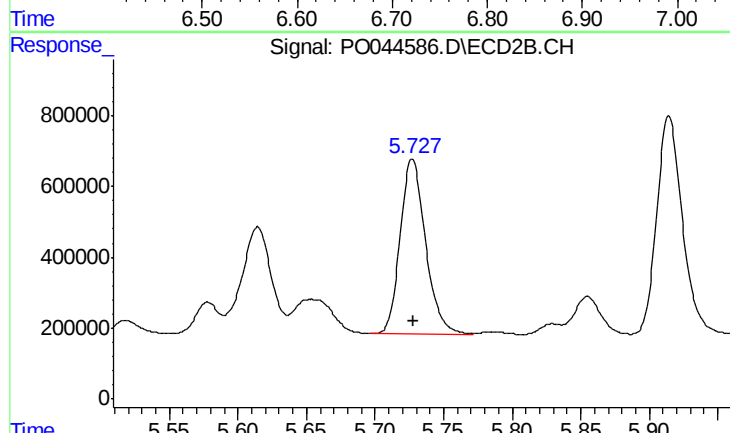
R.T.: 6.128 min
Delta R.T.: -0.003 min
Response: 752951
Conc: 72.49 ng/ml



#31 AR-1260-1

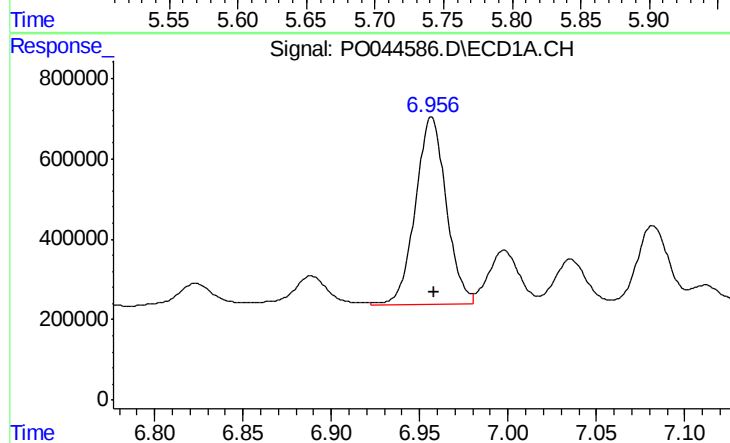
R.T.: 6.706 min
Delta R.T.: -0.002 min
Response: 4723914
Conc: 586.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



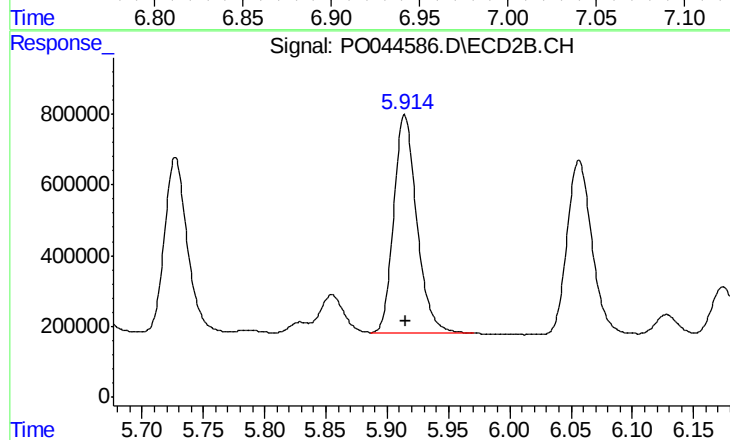
#31 AR-1260-1

R.T.: 5.727 min
Delta R.T.: -0.001 min
Response: 6400690
Conc: 425.77 ng/ml



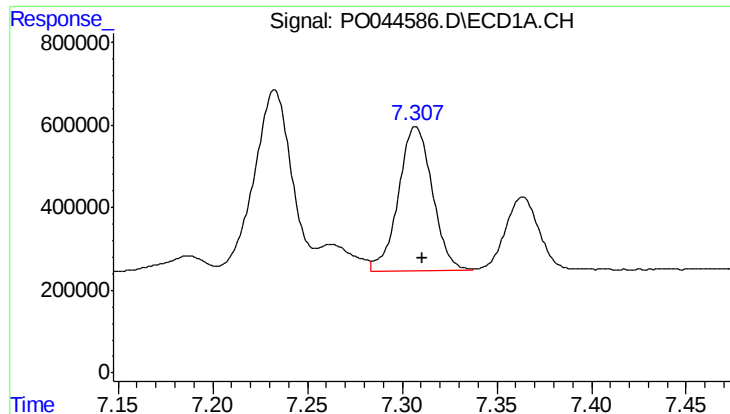
#32 AR-1260-2

R.T.: 6.957 min
Delta R.T.: -0.001 min
Response: 5654760
Conc: 539.88 ng/ml



#32 AR-1260-2

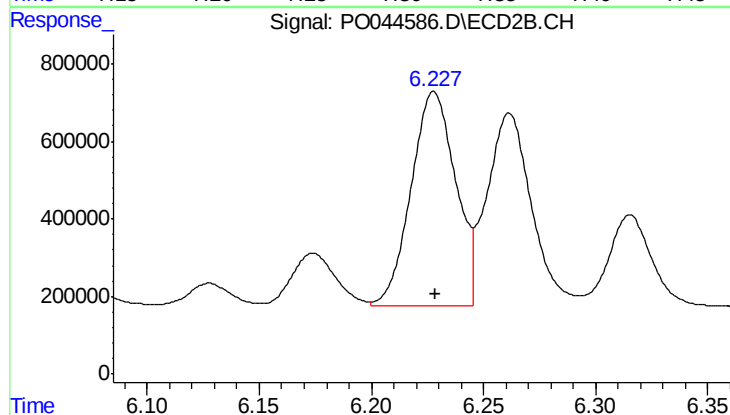
R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 8071654
Conc: 440.48 ng/ml



#33 AR-1260-3

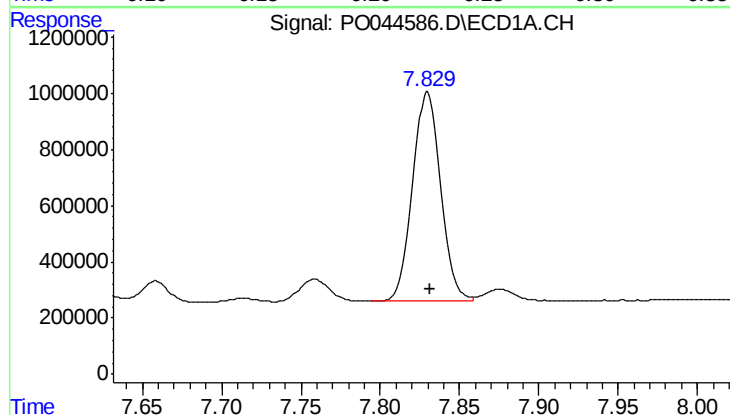
R.T.: 7.307 min
Delta R.T.: -0.003 min
Response: 4342491
Conc: 526.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



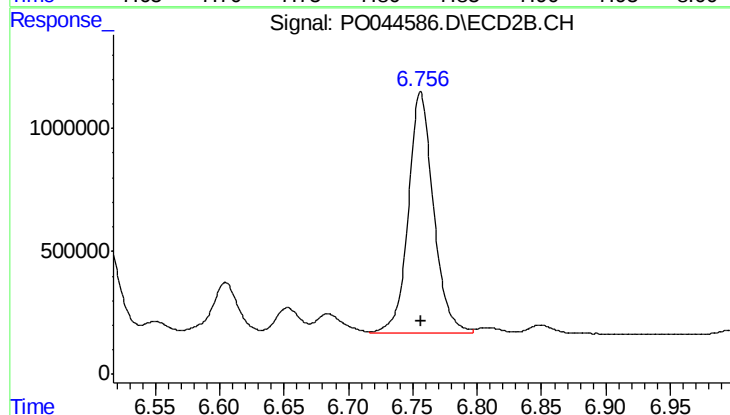
#33 AR-1260-3

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 7704436
Conc: 471.01 ng/ml



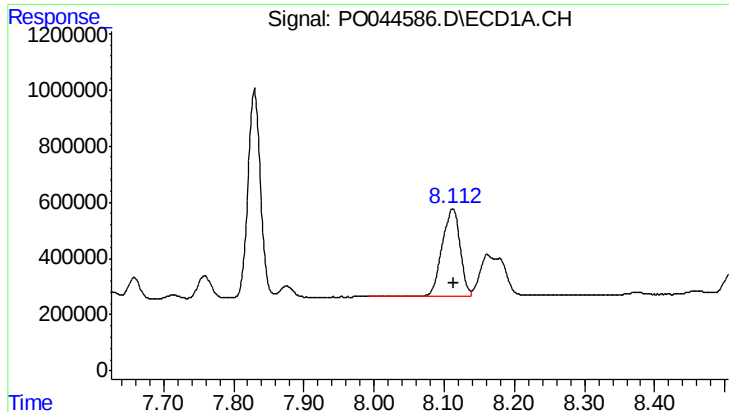
#34 AR-1260-4

R.T.: 7.830 min
Delta R.T.: -0.002 min
Response: 9151982
Conc: 531.06 ng/ml



#34 AR-1260-4

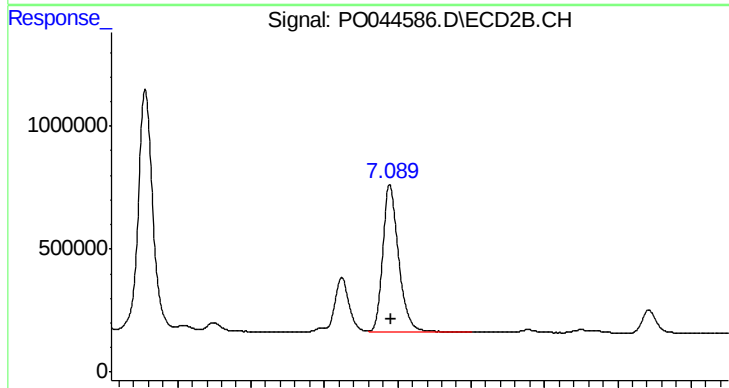
R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 13399228
Conc: 491.48 ng/ml



#35 AR-1260-5

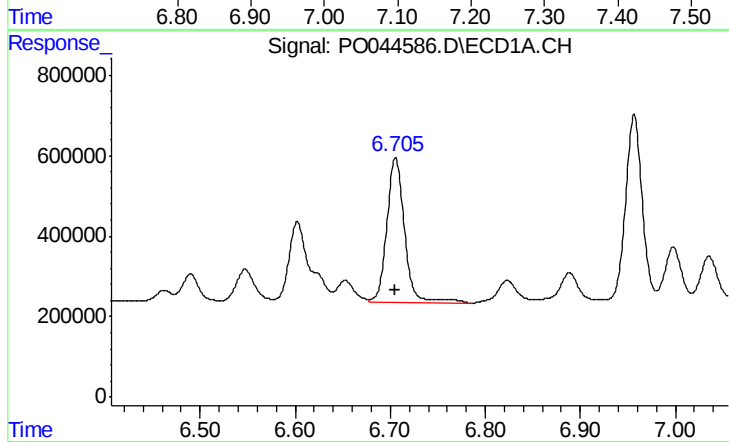
R.T.: 8.112 min
Delta R.T.: -0.002 min
Response: 5466276
Conc: 543.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



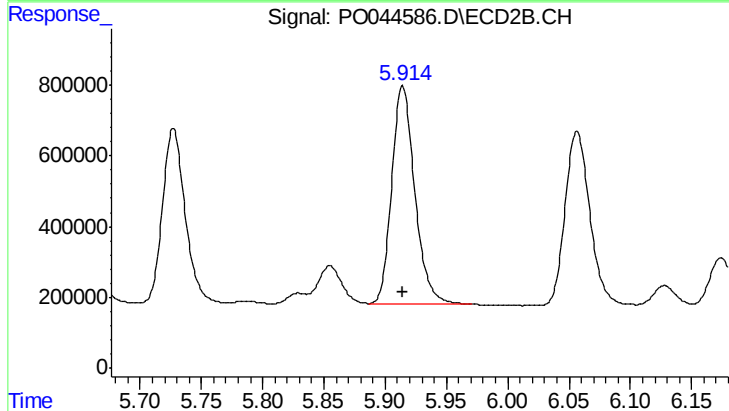
#35 AR-1260-5

R.T.: 7.089 min
Delta R.T.: -0.001 min
Response: 8986048
Conc: 503.33 ng/ml



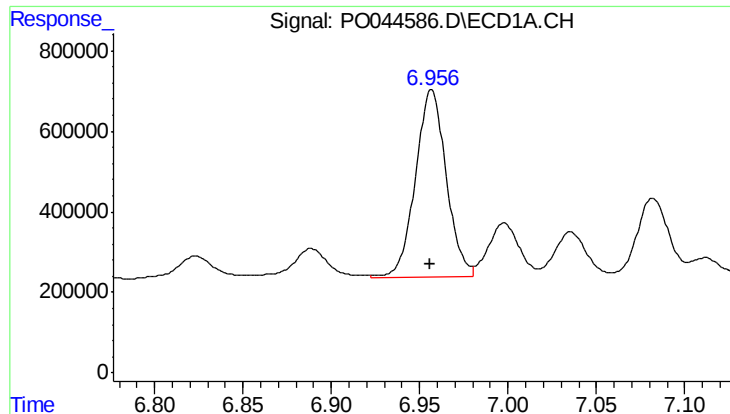
#36 AR-1262-1

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 4723914
Conc: 608.08 ng/ml



#36 AR-1262-1

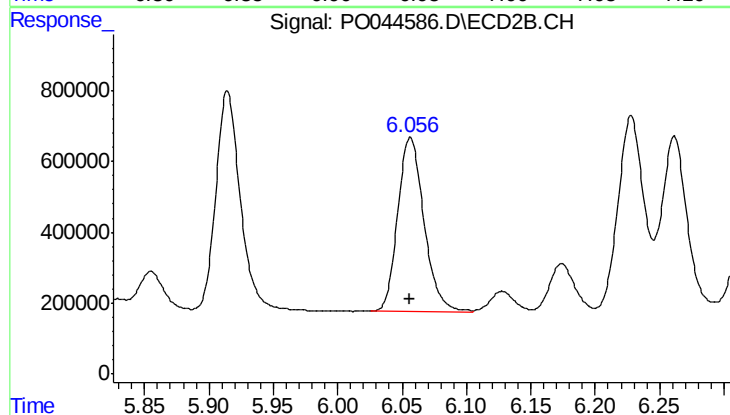
R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 8071654
Conc: 471.10 ng/ml



#37 AR-1262-2

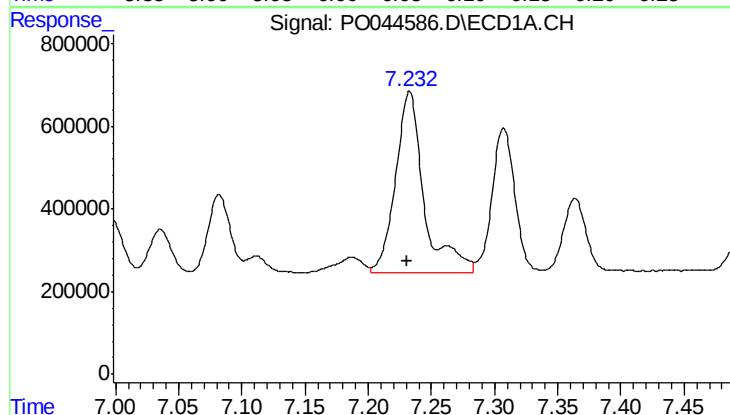
R.T.: 6.957 min
Delta R.T.: 0.000 min
Response: 5654760
Conc: 564.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



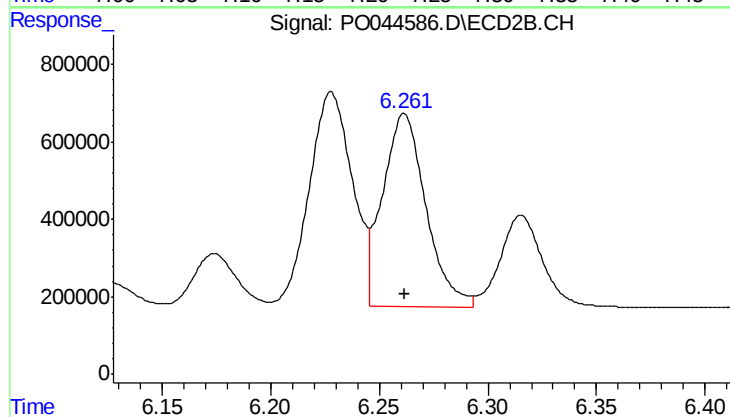
#37 AR-1262-2

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 6964530
Conc: 426.71 ng/ml



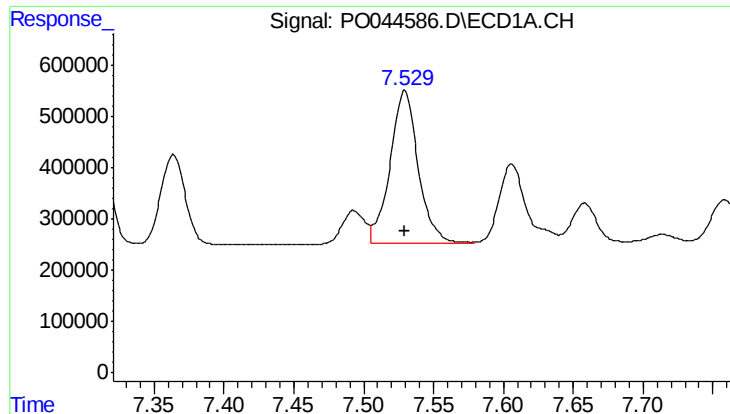
#38 AR-1262-3

R.T.: 7.233 min
Delta R.T.: 0.002 min
Response: 6909990
Conc: 775.77 ng/ml



#38 AR-1262-3

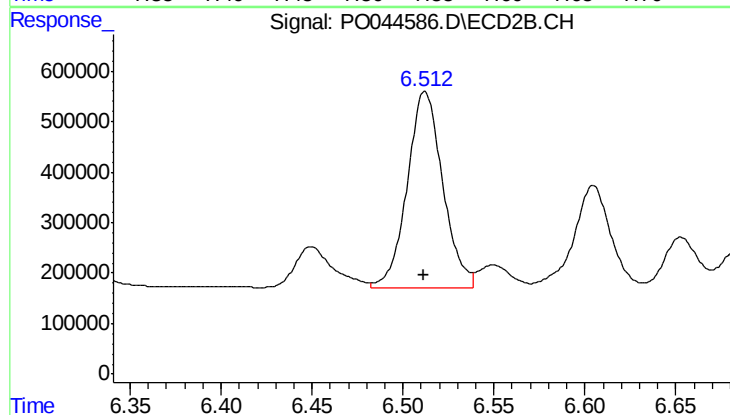
R.T.: 6.261 min
Delta R.T.: 0.000 min
Response: 6914226
Conc: 252.50 ng/ml



#39 AR-1262-4

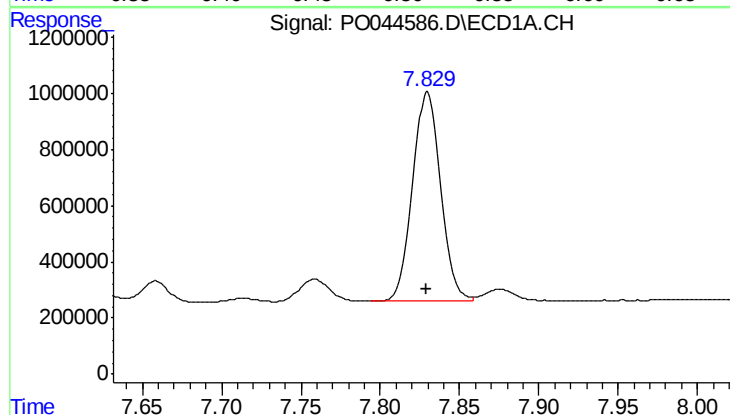
R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 4185533
Conc: 353.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



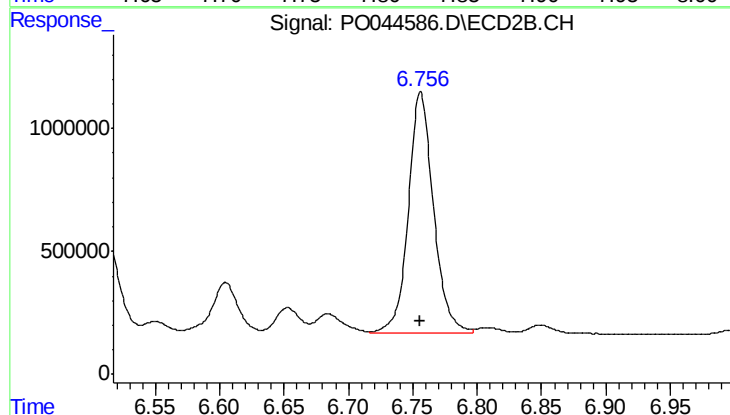
#39 AR-1262-4

R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 5298842
Conc: 243.45 ng/ml



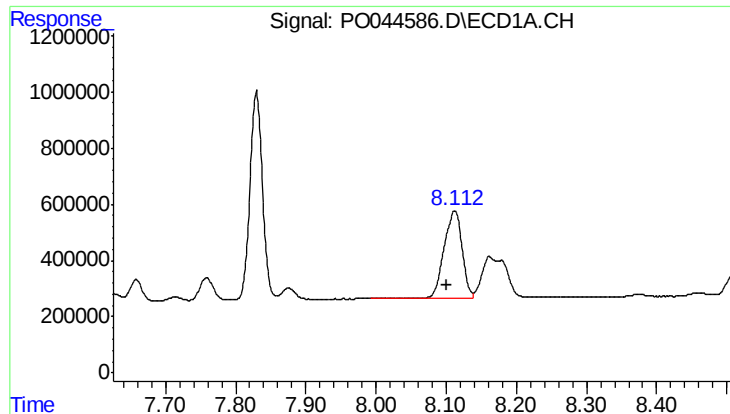
#40 AR-1262-5

R.T.: 7.830 min
Delta R.T.: 0.000 min
Response: 9151982
Conc: 370.98 ng/ml



#40 AR-1262-5

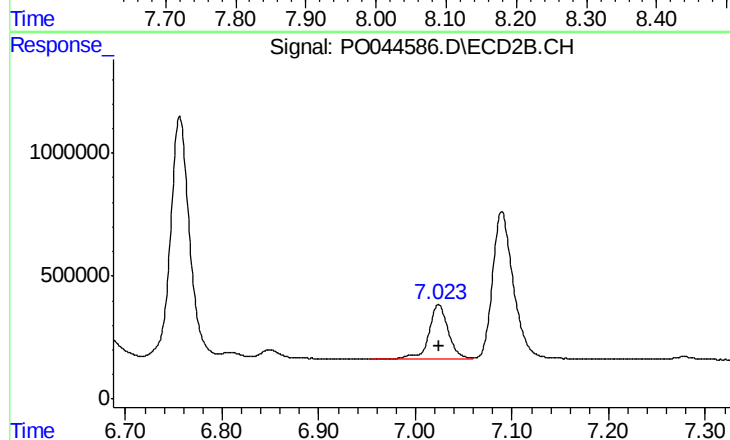
R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 13399228
Conc: 295.04 ng/ml



#41 AR-1268-1

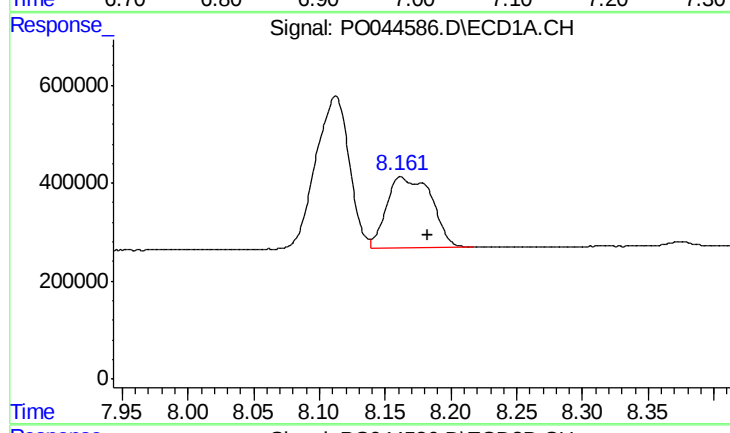
R.T.: 8.112 min
Delta R.T.: 0.011 min
Response: 5466276
Conc: 208.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



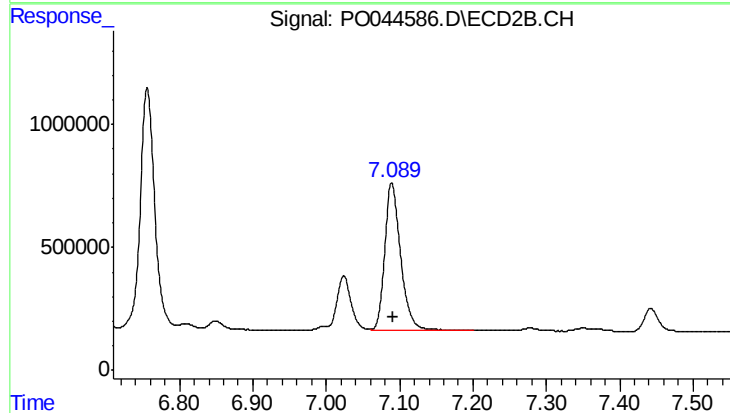
#41 AR-1268-1

R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 3038859
Conc: 66.85 ng/ml



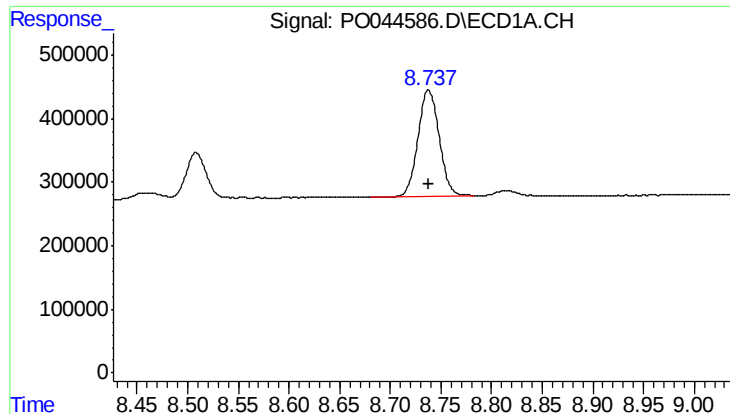
#42 AR-1268-2

R.T.: 8.162 min
Delta R.T.: -0.020 min
Response: 3417754
Conc: 148.42 ng/ml



#42 AR-1268-2

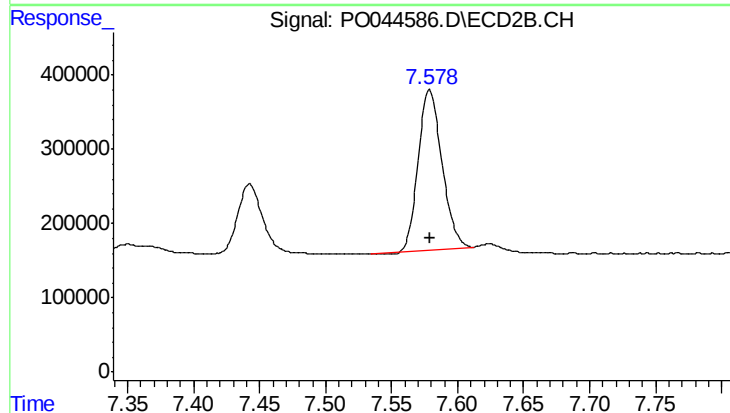
R.T.: 7.089 min
Delta R.T.: -0.001 min
Response: 8986048
Conc: 220.60 ng/ml



#44 AR-1268-4

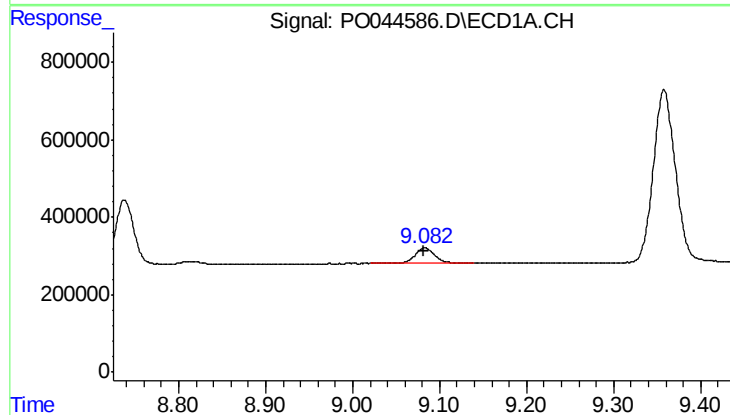
R.T.: 8.738 min
Delta R.T.: 0.000 min
Response: 2432035
Conc: 291.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



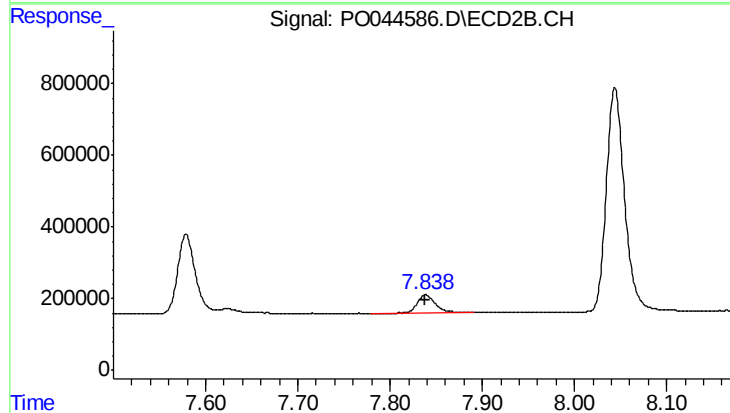
#44 AR-1268-4

R.T.: 7.579 min
Delta R.T.: 0.000 min
Response: 2690726
Conc: 211.11 ng/ml



#45 AR-1268-5

R.T.: 9.083 min
Delta R.T.: 0.000 min
Response: 607663
Conc: 10.13 ng/ml



#45 AR-1268-5

R.T.: 7.839 min
Delta R.T.: 0.000 min
Response: 671954
Conc: 7.40 ng/ml