Quantitation Report (Not Reviewed)

Data Path : P:\HPCHEM1\ECD_O\Data\PO052518\
Data File : PO045099.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 May 2018 20:52
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 26 03:14:09 2018
Quant Method : P:\HPCHEM1\ECD_O\methods\PO052518.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat May 26 01:36:04 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...	4.002	3.271	27617954	32498718	47.490	50.756	
2)	SA Decachlor...	9.305	8.011	23794586	25215968	45.199	43.985	
	Target Compounds							
3)	L1 AR-1016-1	4.865	4.082	5751103	7291257	476.648	542.977	
4)	L1 AR-1016-2	5.202	4.514	7032252	5496944	464.969	516.599	
5)	L1 AR-1016-3	5.297	4.552	5744771	6691098	467.421	523.254	
6)	L1 AR-1016-4	5.716	4.716	5607371	7206508	468.422	512.768	
7)	L1 AR-1016-5	5.944	5.049	4641515	7302035	436.008	545.629	#
8)	L2 AR-1221-1	4.202	3.472	759218	900784	64.701	67.255	
9)	L2 AR-1221-2	4.289	3.554	1161527	1374082	132.490	143.988	
10)	L2 AR-1221-3	4.360	3.624	4487201	5170990	160.858	163.649	
11)	L3 AR-1232-1	4.360	3.624	4487201	5170990	353.807	353.865	
12)	L3 AR-1232-2	5.122	4.304	7515063	25057775	851.126	889.755	
13)	L3 AR-1232-3	5.142	4.360	12131961	9351838	826.777	857.603	
14)	L3 AR-1232-4	5.202	4.472	7032252	7295445	814.144	877.543	
15)	L3 AR-1232-5	5.297	4.552	5744771	6691098	827.555	931.861	
16)	L4 AR-1242-1	4.681	4.082	5518410	7291257	474.358	510.111	
17)	L4 AR-1242-2	5.142	4.304	12131961	25057775	485.766	508.394	
18)	L4 AR-1242-3	5.297	4.472	5744771	7295445	477.718	504.146	
19)	L4 AR-1242-4	5.580	4.552	5181534	6691098	461.043	494.156	
20)	L4 AR-1242-5	5.716	4.716	5607371	7206508	438.156	494.382	
21)	L5 AR-1248-1	5.580	4.716	5181534	7206508	274.358	293.914	
22)	L5 AR-1248-2	5.716	4.854	5607371	7919530	336.304	361.734	
23)	L5 AR-1248-3	5.970	5.049	1794589	7302035	81.193	205.389	#
24)	L5 AR-1248-4	6.007	5.088	1565383	2104819	72.882	74.866	
25)	L5 AR-1248-5	6.156	5.586	3929515	7397215	266.409	475.875	#
26)	L6 AR-1254-1	6.156	5.049	3929515	7302035	114.148	180.910	#
27)	L6 AR-1254-2	6.428	5.192	637910	5171622	28.430	148.846	#
28)	L6 AR-1254-3	6.513	5.586	2160502	7397215	56.221	127.670	#
29)	L6 AR-1254-4	6.789	5.800	1497785	729519	46.928	16.386	#
30)	L6 AR-1254-5	7.047	6.099	6976107	1625577	302.729	61.553	#
31)	L7 AR-1260-1	6.671	5.699	10056642	13849186	431.653	451.256	
32)	L7 AR-1260-2	6.922	5.886	13611108	17860718	450.839	448.486	
33)	L7 AR-1260-3	7.197	6.200	18362227	18312392	486.739	433.947	
34)	L7 AR-1260-4	7.794	6.727	28529562	34703603	450.326	430.751	
35)	L7 AR-1260-5	8.076	7.060	16918112	23791561	444.650	426.219	
36)	L8 AR-1262-1	6.671	5.886	10056642	17860718	422.677	421.821	
37)	L8 AR-1262-2	6.922	6.028	13611108	15661994	435.330	414.544	
38)	L8 AR-1262-3	7.197	6.233	18362227	15864762	609.384	229.622	#

Quantitation Report (Not Reviewed)

Data Path : P:\HPCHEM1\ECD_O\Data\PO052518\
Data File : PO045099.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 May 2018 20:52
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 26 03:14:09 2018
Quant Method : P:\HPCHEM1\ECD_O\methods\PO052518.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat May 26 01:36:04 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	
39) L8	AR-1262-4	7.494	6.483	11646269	12646872	281.782	222.999	
40) L8	AR-1262-5	7.794	6.727	28529562	34703603	303.905	271.959	
41) L9	AR-1268-1	8.076	6.994	16918112	7699573	168.555	57.289	#
42) L9	AR-1268-2	8.126	7.060	10528410	23791561	118.206	189.821	#
43) L9	AR-1268-3	8.334	7.247	331256	425473	4.285	3.944	
44) L9	AR-1268-4	8.694	7.548	7490431	7833693	233.758	196.963	
45) L9	AR-1268-5	9.034	7.807	1799567	1981136	7.657	6.628	

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

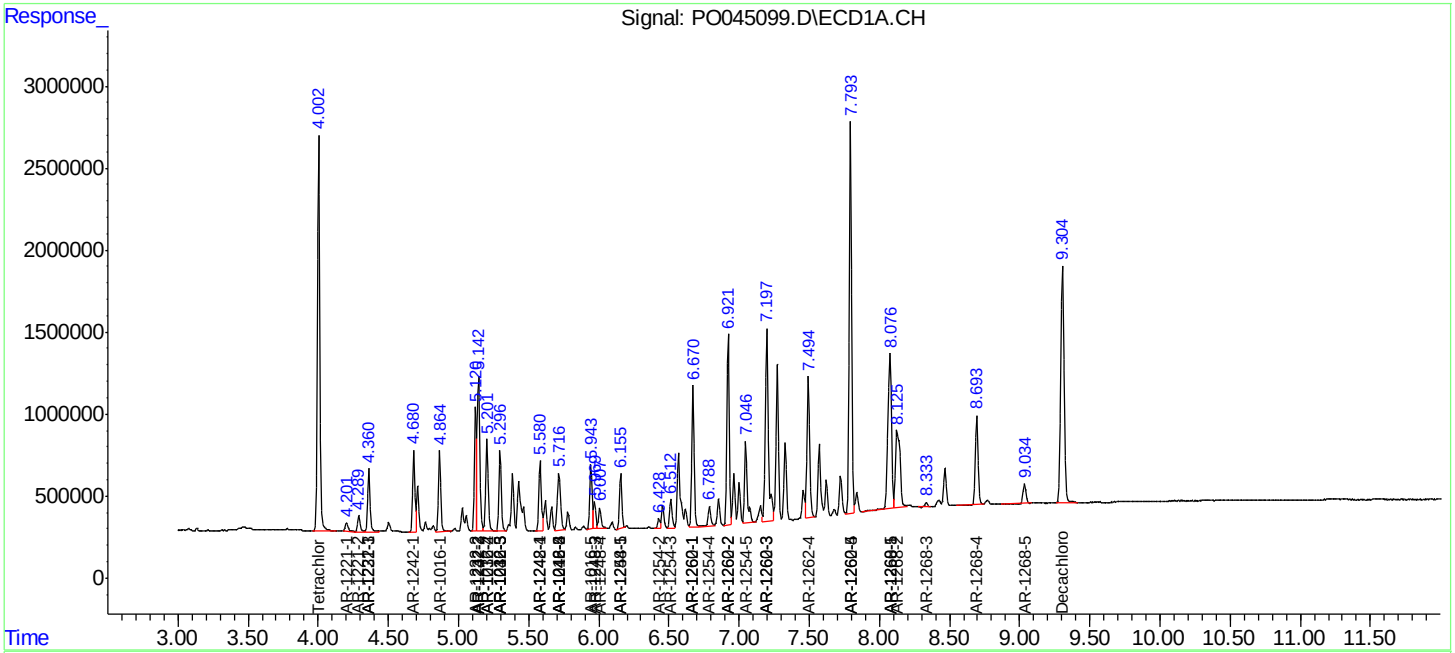
Quantitation Report (Not Reviewed)

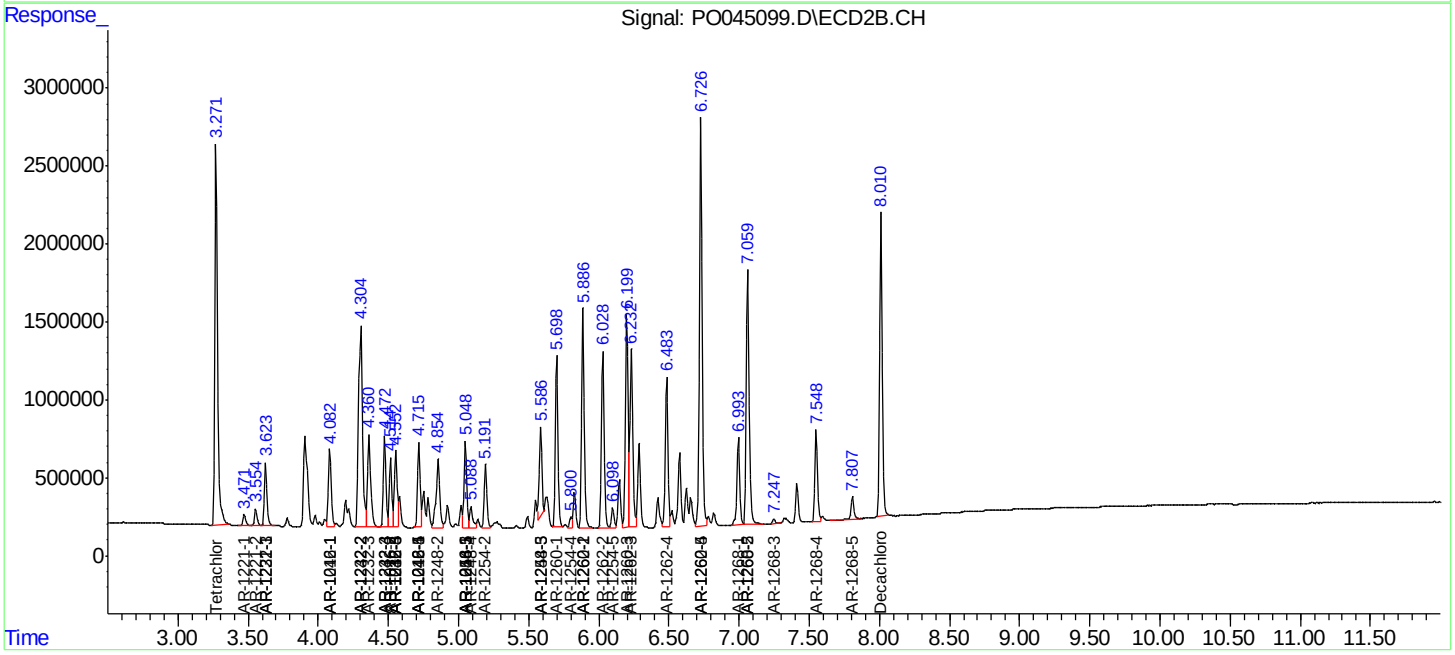
Data Path : P:\HPCHEM1\ECD_O\Data\PO052518\
Data File : PO045099.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 May 2018 20:52
Operator : SM/UA
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

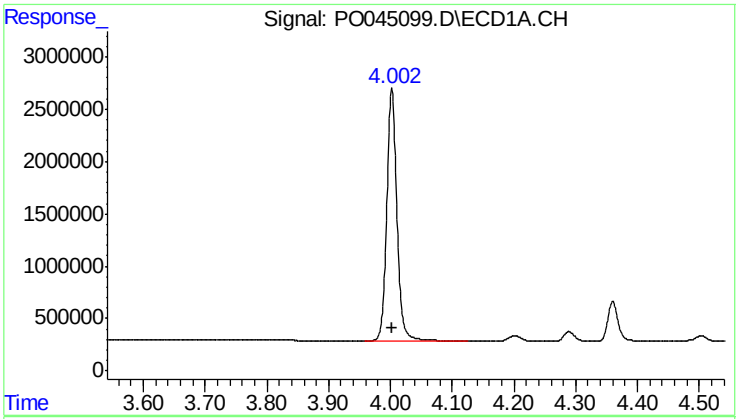
Instrument : ECD_O
ClientSampleId : AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 26 03:14:09 2018
Quant Method : P:\HPCHEM1\ECD_O\methods\PO052518.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat May 26 01:36:04 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



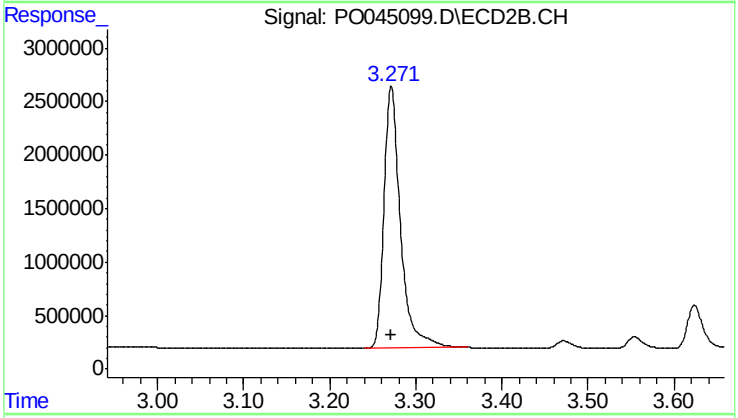




#1 Tetrachloro-m-xylene

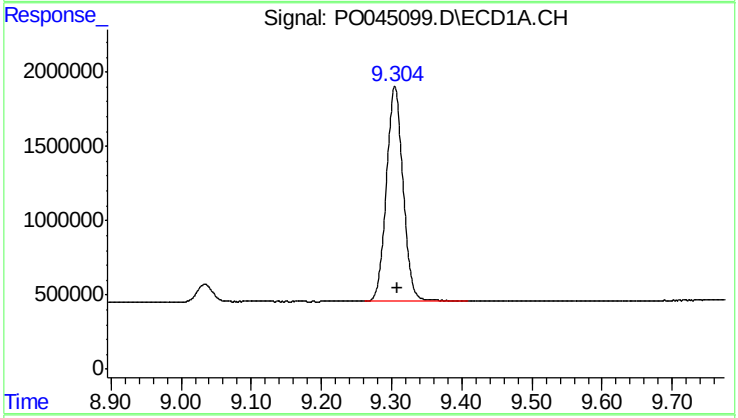
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 27617954
Conc: 47.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



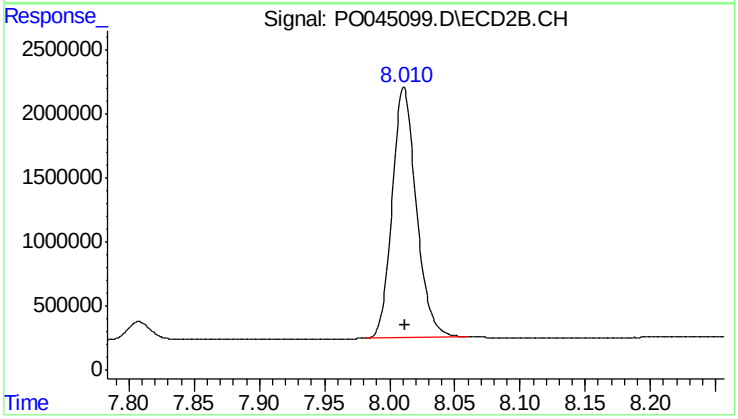
#1 Tetrachloro-m-xylene

R.T.: 3.271 min
Delta R.T.: 0.000 min
Response: 32498718
Conc: 50.76 ng/ml



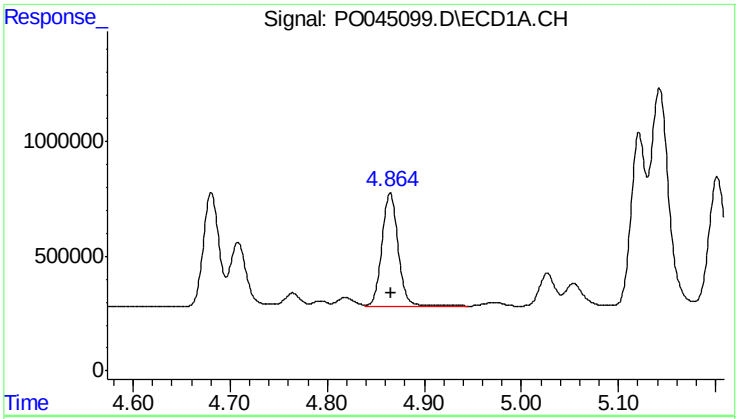
#2 Decachlorobiphenyl

R.T.: 9.305 min
Delta R.T.: -0.003 min
Response: 23794586
Conc: 45.20 ng/ml



#2 Decachlorobiphenyl

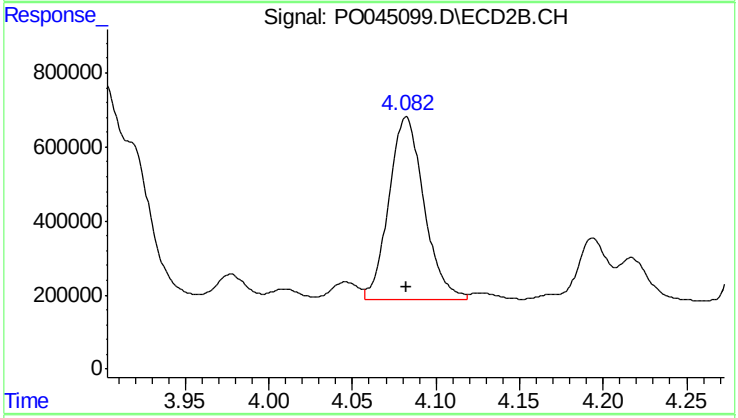
R.T.: 8.011 min
Delta R.T.: -0.001 min
Response: 25215968
Conc: 43.98 ng/ml



#3 AR-1016-1

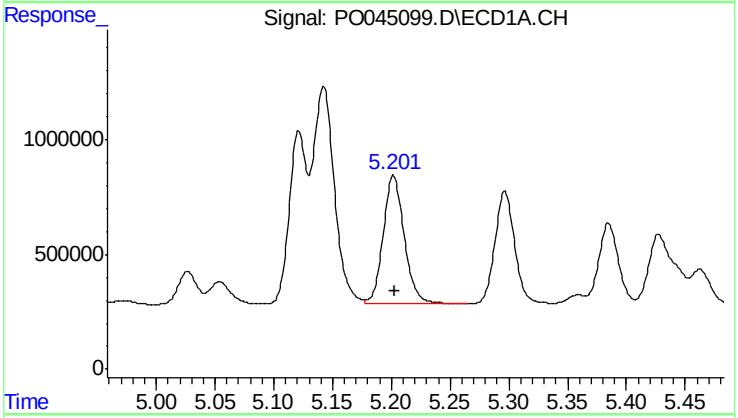
R.T.: 4.865 min
Delta R.T.: -0.001 min
Response: 5751103
Conc: 476.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



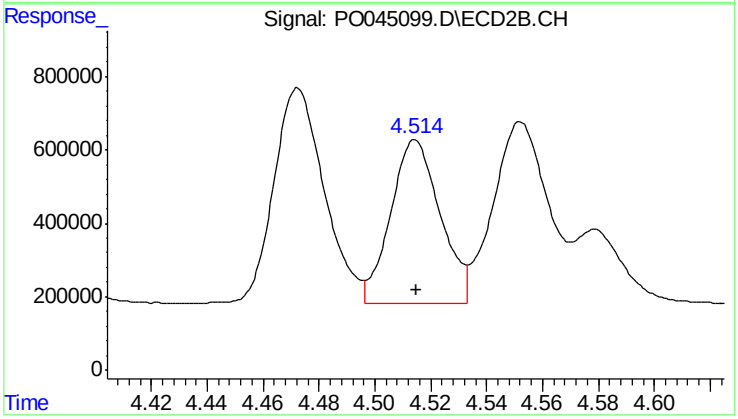
#3 AR-1016-1

R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 7291257
Conc: 542.98 ng/ml



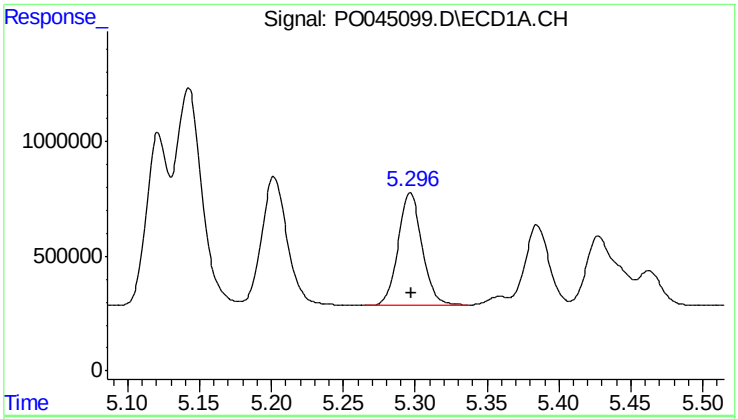
#4 AR-1016-2

R.T.: 5.202 min
Delta R.T.: -0.001 min
Response: 7032252
Conc: 464.97 ng/ml



#4 AR-1016-2

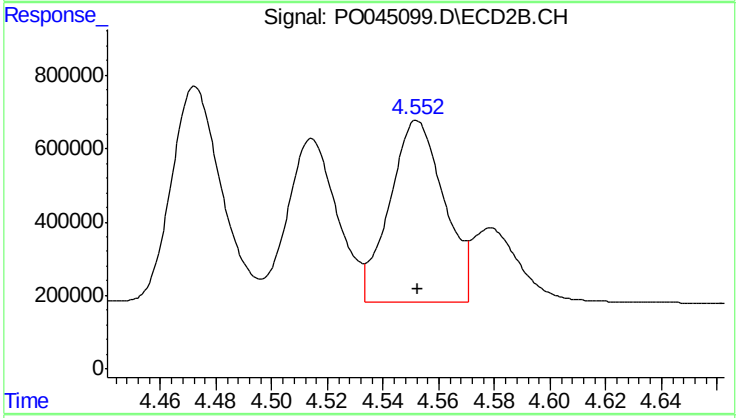
R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 5496944
Conc: 516.60 ng/ml



#5 AR-1016-3

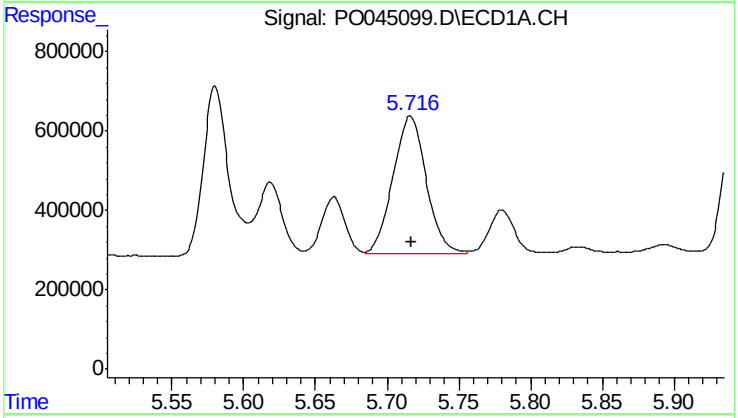
R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 5744771
Conc: 467.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



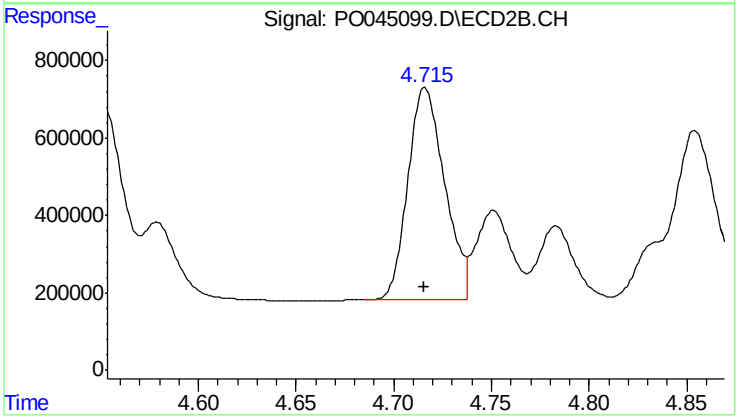
#5 AR-1016-3

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 6691098
Conc: 523.25 ng/ml



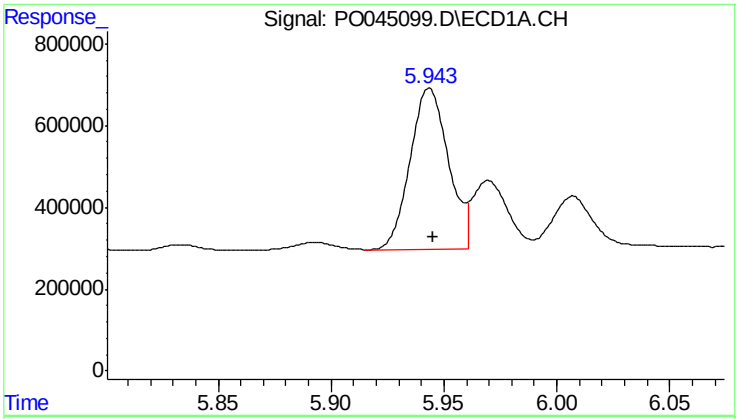
#6 AR-1016-4

R.T.: 5.716 min
Delta R.T.: -0.001 min
Response: 5607371
Conc: 468.42 ng/ml



#6 AR-1016-4

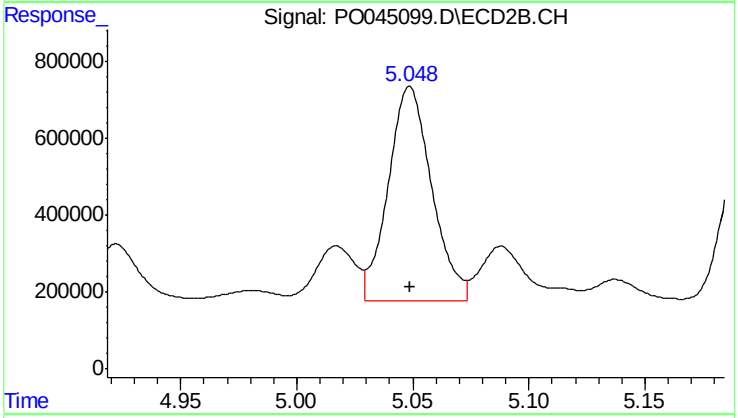
R.T.: 4.716 min
Delta R.T.: 0.000 min
Response: 7206508
Conc: 512.77 ng/ml



#7 AR-1016-5

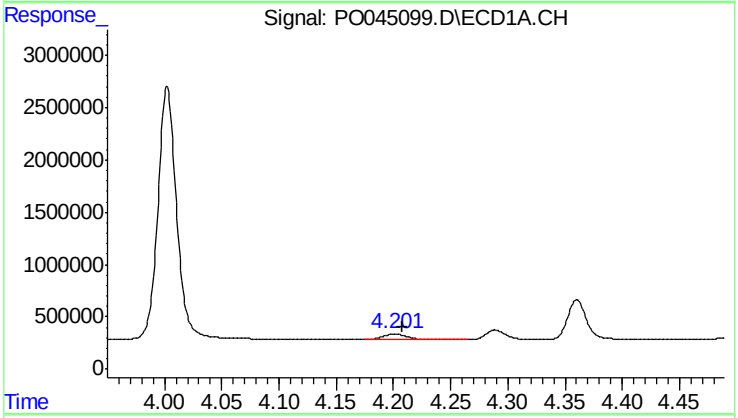
R.T.: 5.944 min
Delta R.T.: -0.002 min
Response: 4641515
Conc: 436.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



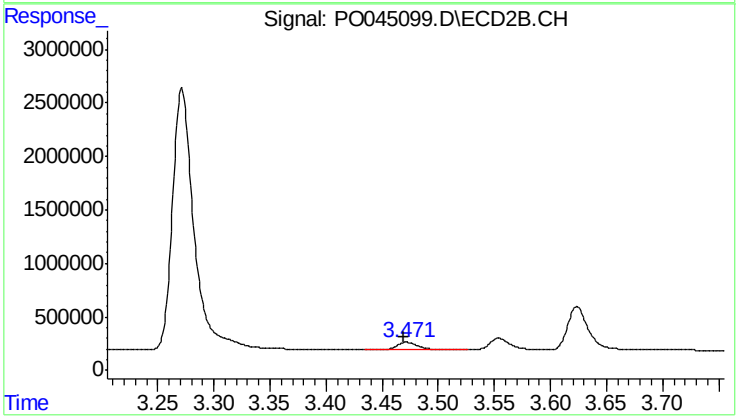
#7 AR-1016-5

R.T.: 5.049 min
Delta R.T.: 0.000 min
Response: 7302035
Conc: 545.63 ng/ml



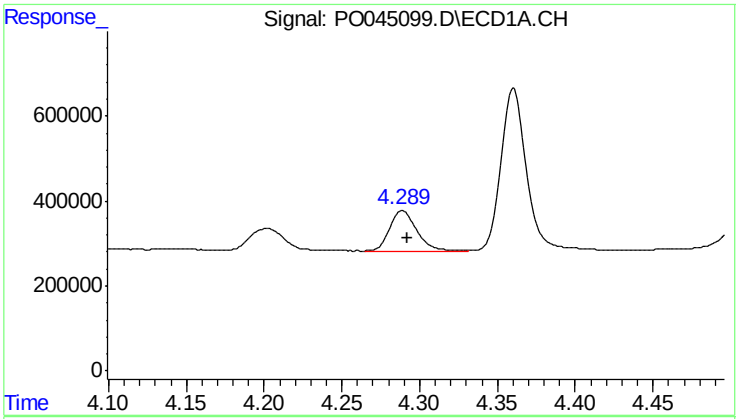
#8 AR-1221-1

R.T.: 4.202 min
Delta R.T.: -0.006 min
Response: 759218
Conc: 64.70 ng/ml



#8 AR-1221-1

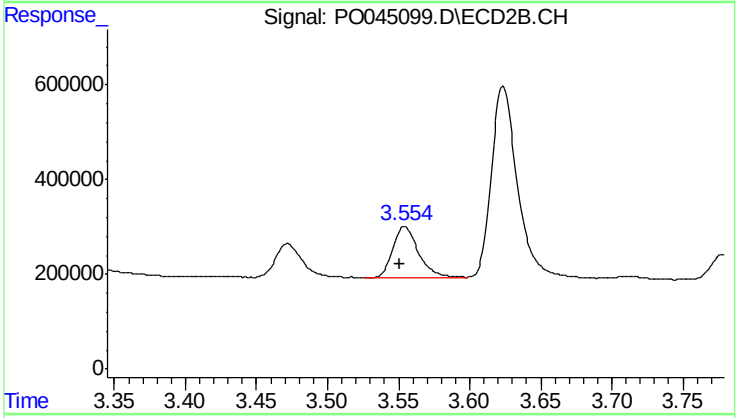
R.T.: 3.472 min
Delta R.T.: 0.003 min
Response: 900784
Conc: 67.26 ng/ml



#9 AR-1221-2

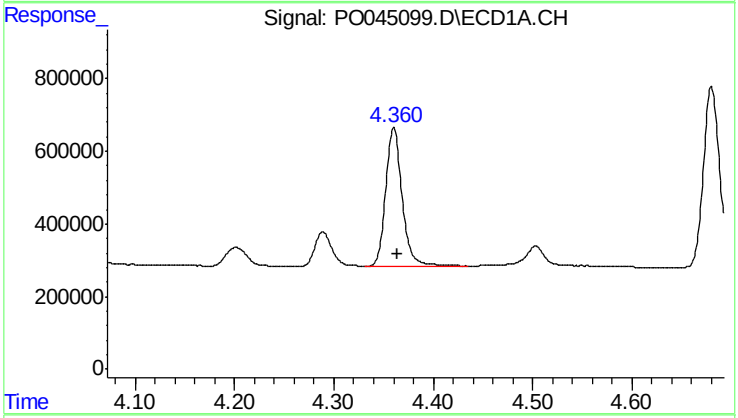
R.T.: 4.289 min
Delta R.T.: -0.003 min
Response: 1161527
Conc: 132.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



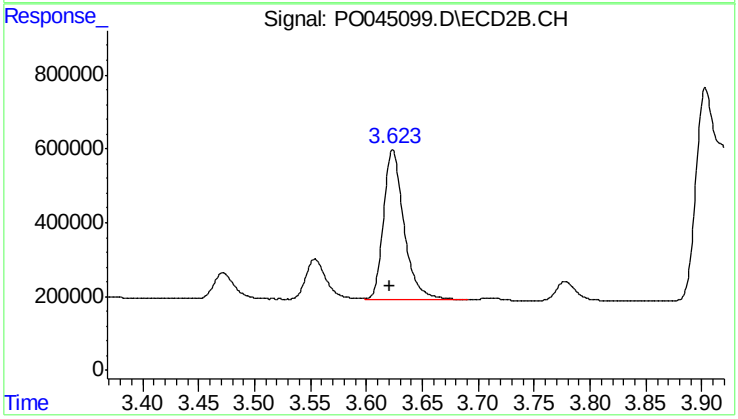
#9 AR-1221-2

R.T.: 3.554 min
Delta R.T.: 0.003 min
Response: 1374082
Conc: 143.99 ng/ml



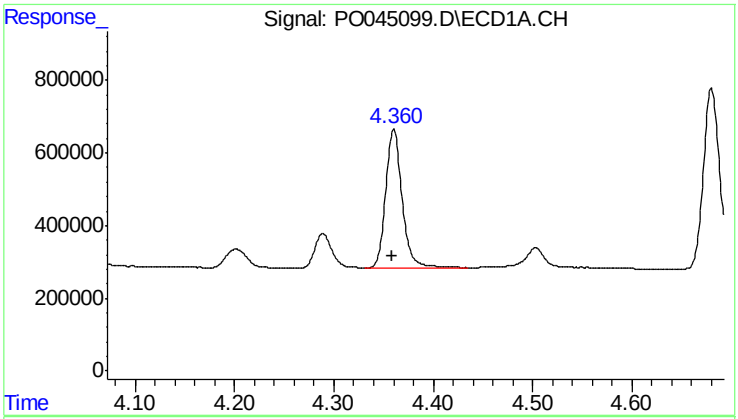
#10 AR-1221-3

R.T.: 4.360 min
Delta R.T.: -0.004 min
Response: 4487201
Conc: 160.86 ng/ml



#10 AR-1221-3

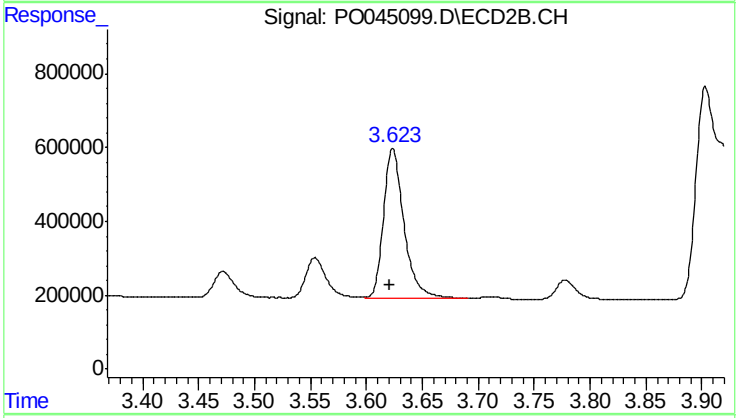
R.T.: 3.624 min
Delta R.T.: 0.003 min
Response: 5170990
Conc: 163.65 ng/ml



#11 AR-1232-1

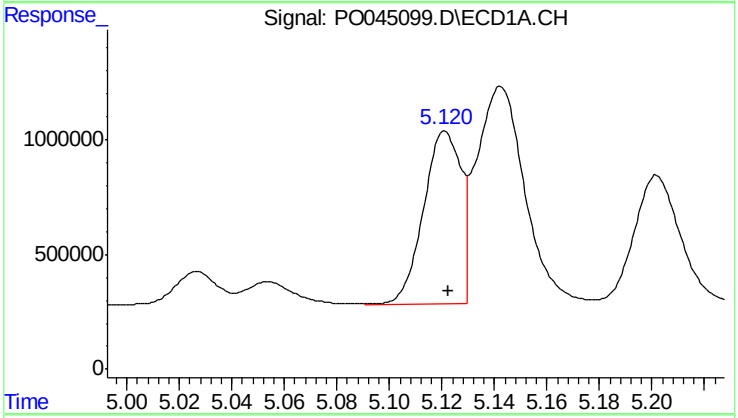
R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 4487201
Conc: 353.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



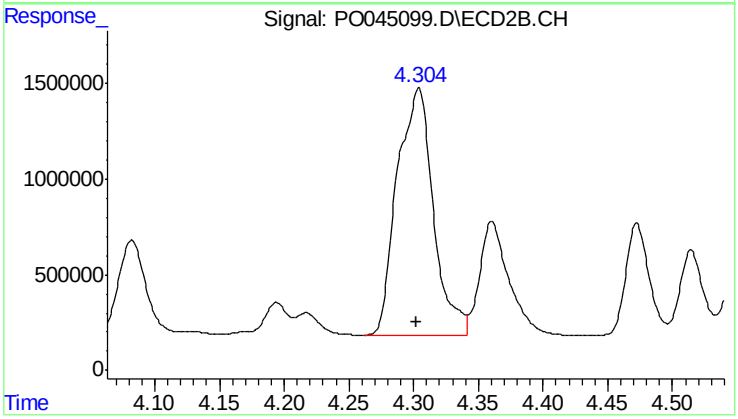
#11 AR-1232-1

R.T.: 3.624 min
Delta R.T.: 0.003 min
Response: 5170990
Conc: 353.86 ng/ml



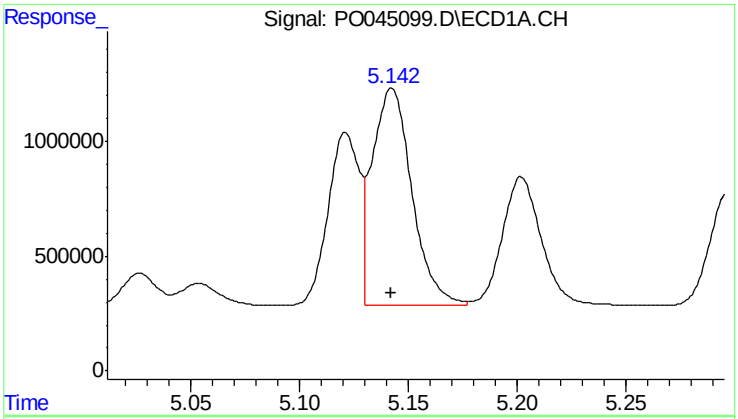
#12 AR-1232-2

R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 7515063
Conc: 851.13 ng/ml



#12 AR-1232-2

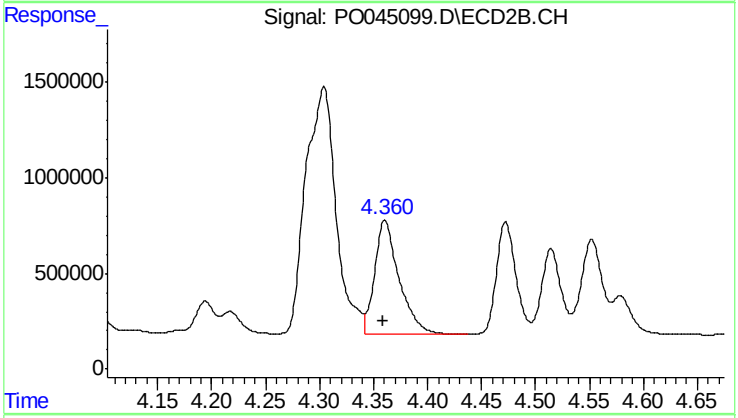
R.T.: 4.304 min
Delta R.T.: 0.001 min
Response: 25057775
Conc: 889.75 ng/ml



#13 AR-1232-3

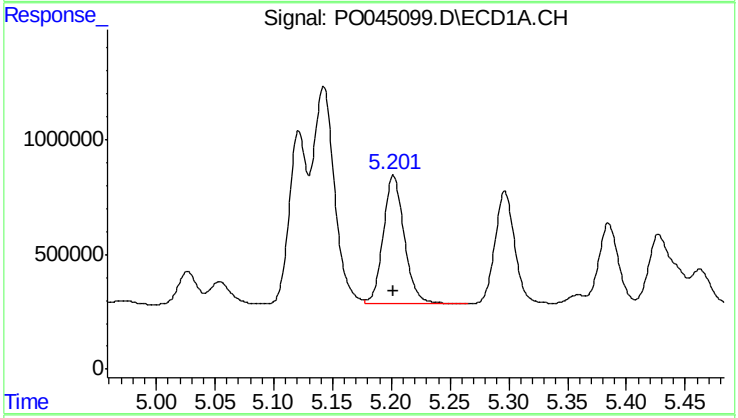
R.T.: 5.142 min
Delta R.T.: 0.000 min
Response: 12131961
Conc: 826.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



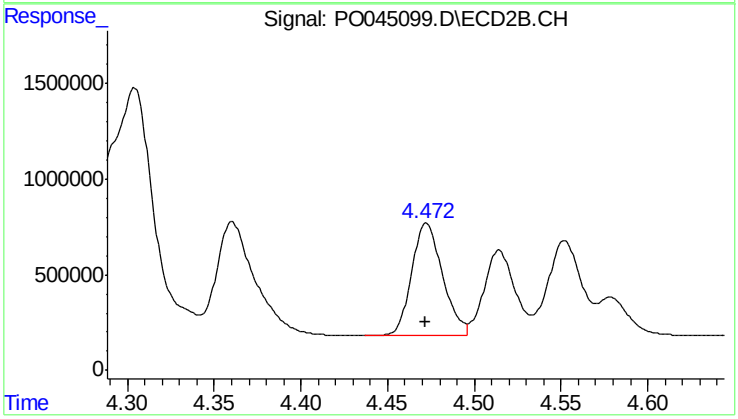
#13 AR-1232-3

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 9351838
Conc: 857.60 ng/ml



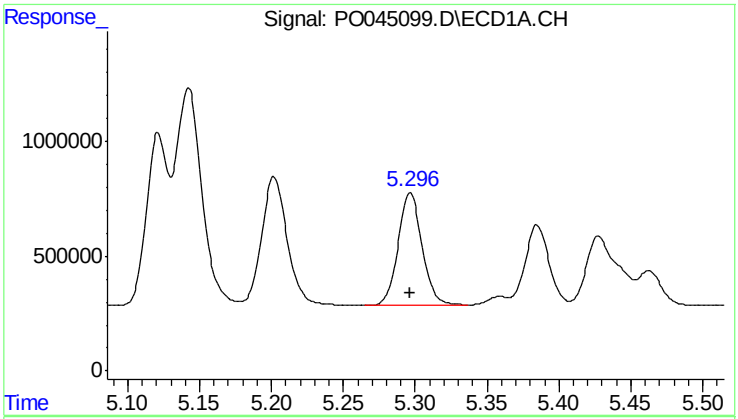
#14 AR-1232-4

R.T.: 5.202 min
Delta R.T.: 0.000 min
Response: 7032252
Conc: 814.14 ng/ml



#14 AR-1232-4

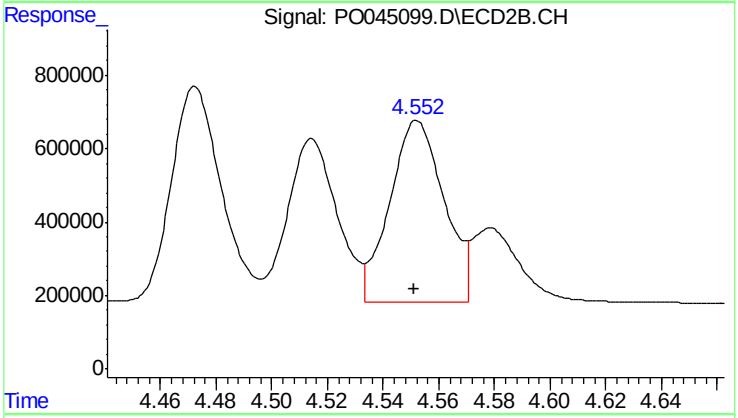
R.T.: 4.472 min
Delta R.T.: 0.000 min
Response: 7295445
Conc: 877.54 ng/ml



#15 AR-1232-5

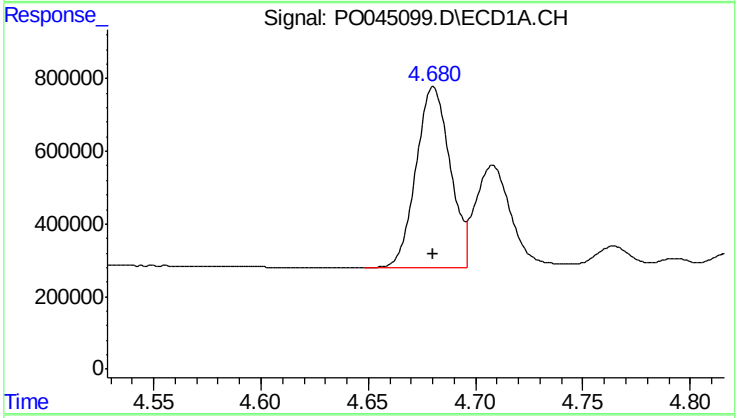
R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 5744771
Conc: 827.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



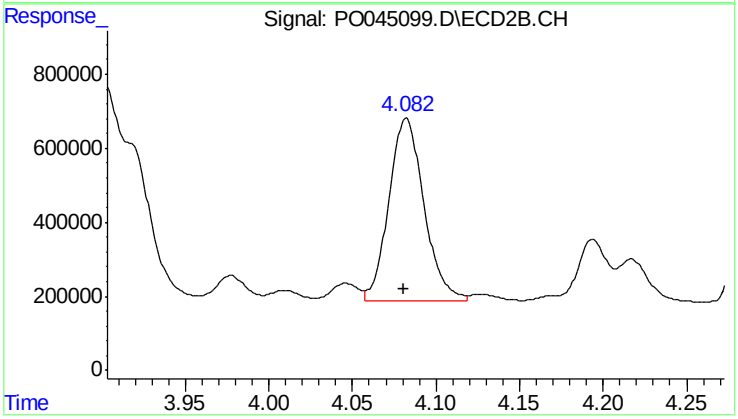
#15 AR-1232-5

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 6691098
Conc: 931.86 ng/ml



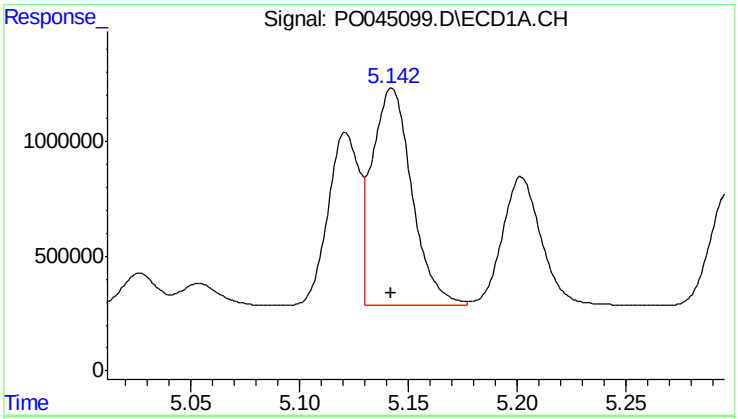
#16 AR-1242-1

R.T.: 4.681 min
Delta R.T.: 0.000 min
Response: 5518410
Conc: 474.36 ng/ml



#16 AR-1242-1

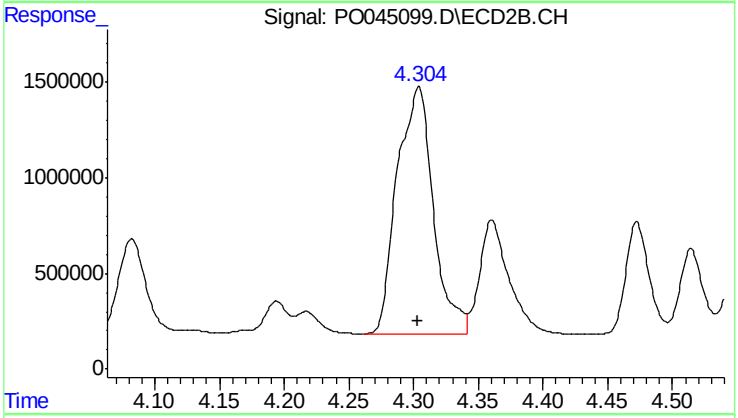
R.T.: 4.082 min
Delta R.T.: 0.001 min
Response: 7291257
Conc: 510.11 ng/ml



#17 AR-1242-2

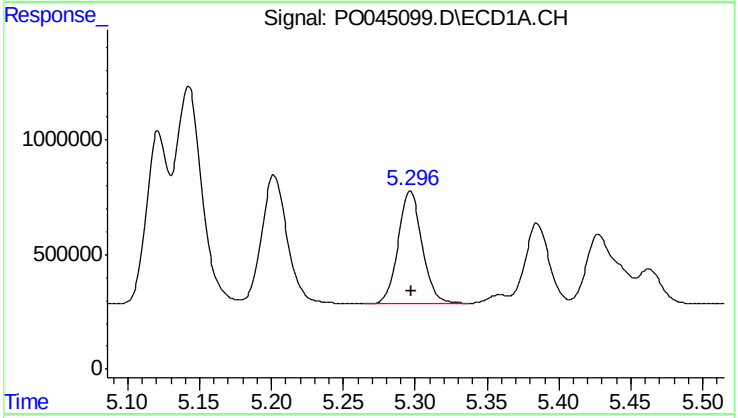
R.T.: 5.142 min
Delta R.T.: 0.000 min
Response: 12131961
Conc: 485.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



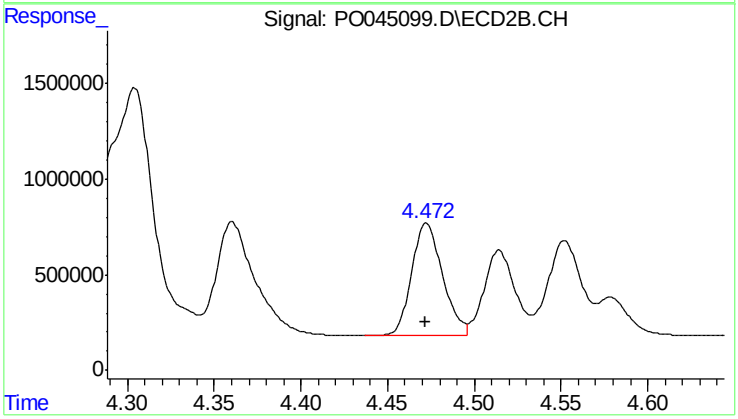
#17 AR-1242-2

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 25057775
Conc: 508.39 ng/ml



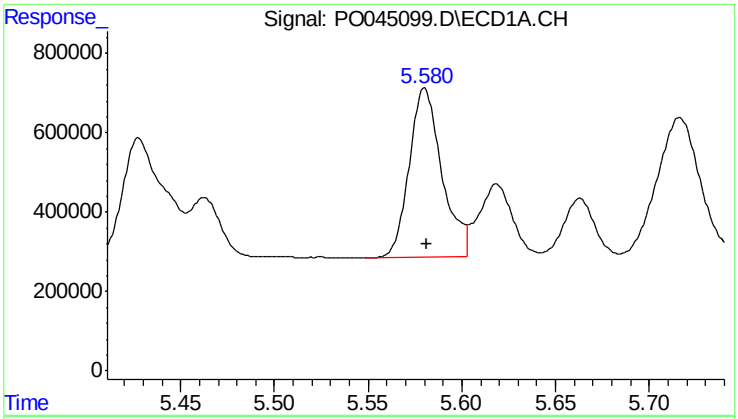
#18 AR-1242-3

R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 5744771
Conc: 477.72 ng/ml



#18 AR-1242-3

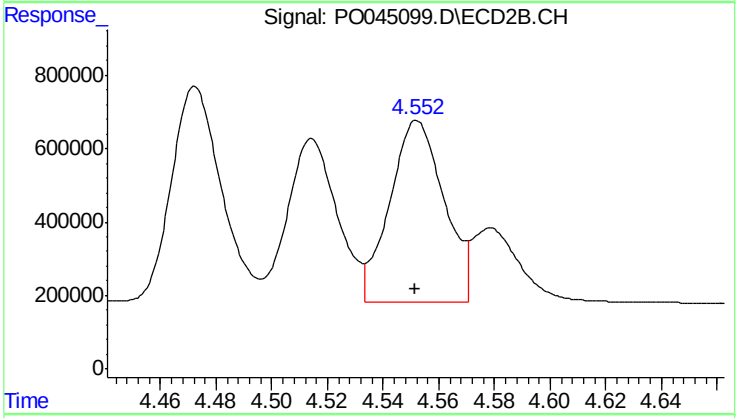
R.T.: 4.472 min
Delta R.T.: 0.000 min
Response: 7295445
Conc: 504.15 ng/ml



#19 AR-1242-4

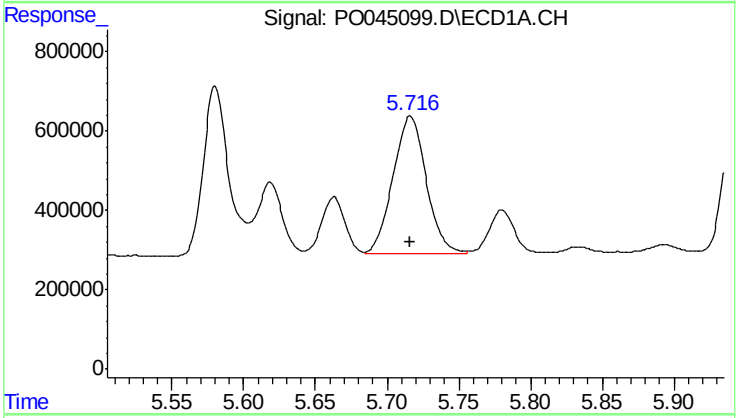
R.T.: 5.580 min
Delta R.T.: 0.000 min
Response: 5181534
Conc: 461.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



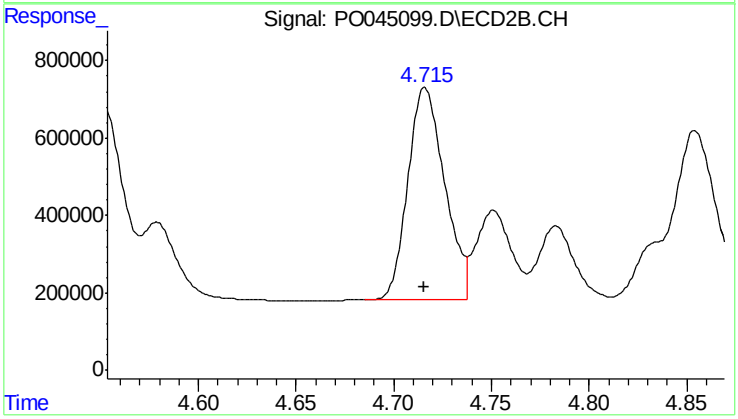
#19 AR-1242-4

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 6691098
Conc: 494.16 ng/ml



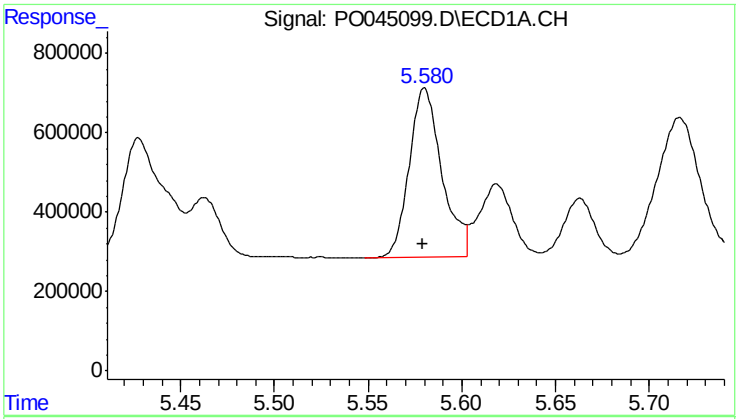
#20 AR-1242-5

R.T.: 5.716 min
Delta R.T.: 0.000 min
Response: 5607371
Conc: 438.16 ng/ml



#20 AR-1242-5

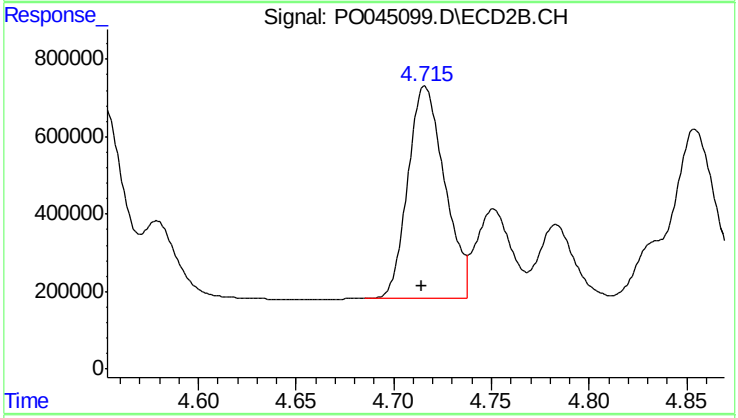
R.T.: 4.716 min
Delta R.T.: 0.000 min
Response: 7206508
Conc: 494.38 ng/ml



#21 AR-1248-1

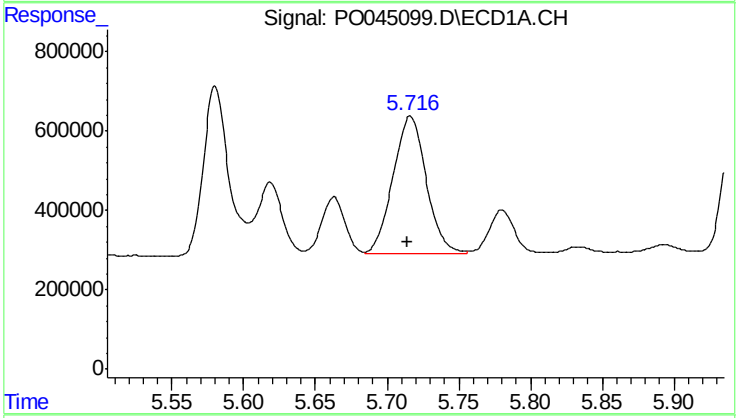
R.T.: 5.580 min
Delta R.T.: 0.000 min
Response: 5181534
Conc: 274.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



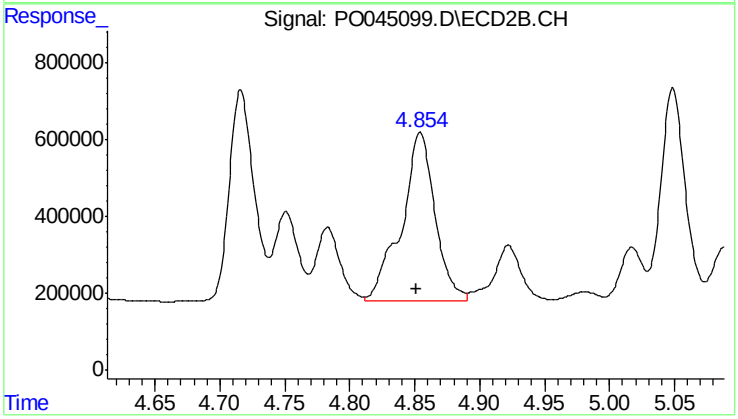
#21 AR-1248-1

R.T.: 4.716 min
Delta R.T.: 0.002 min
Response: 7206508
Conc: 293.91 ng/ml



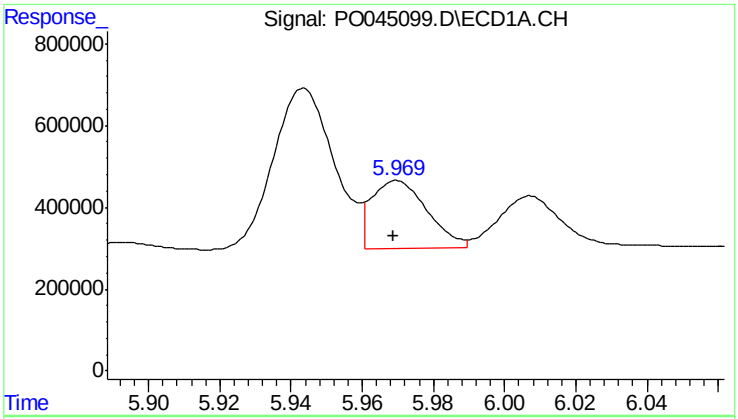
#22 AR-1248-2

R.T.: 5.716 min
Delta R.T.: 0.002 min
Response: 5607371
Conc: 336.30 ng/ml



#22 AR-1248-2

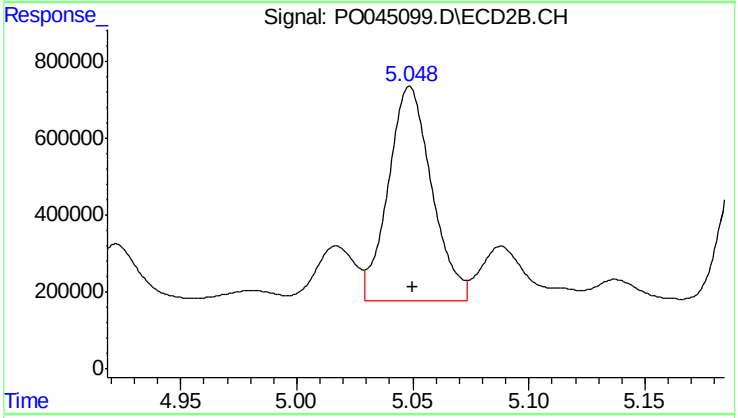
R.T.: 4.854 min
Delta R.T.: 0.002 min
Response: 7919530
Conc: 361.73 ng/ml



#23 AR-1248-3

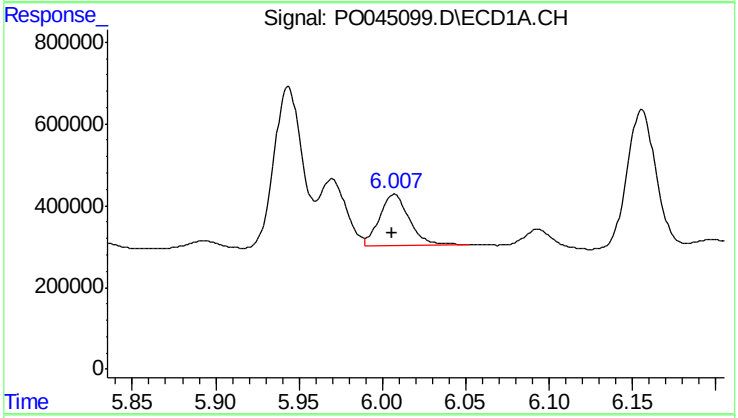
R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 1794589
Conc: 81.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



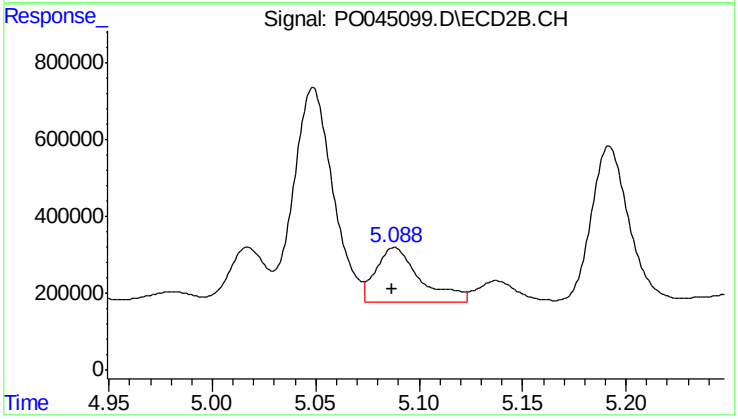
#23 AR-1248-3

R.T.: 5.049 min
Delta R.T.: -0.001 min
Response: 7302035
Conc: 205.39 ng/ml



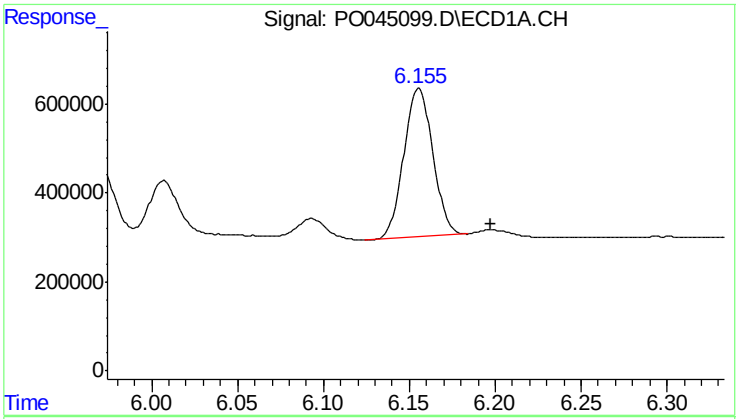
#24 AR-1248-4

R.T.: 6.007 min
Delta R.T.: 0.001 min
Response: 1565383
Conc: 72.88 ng/ml



#24 AR-1248-4

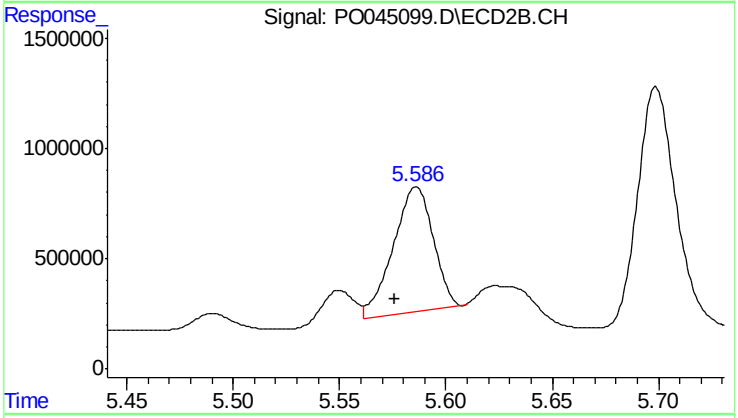
R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 2104819
Conc: 74.87 ng/ml



#25 AR-1248-5

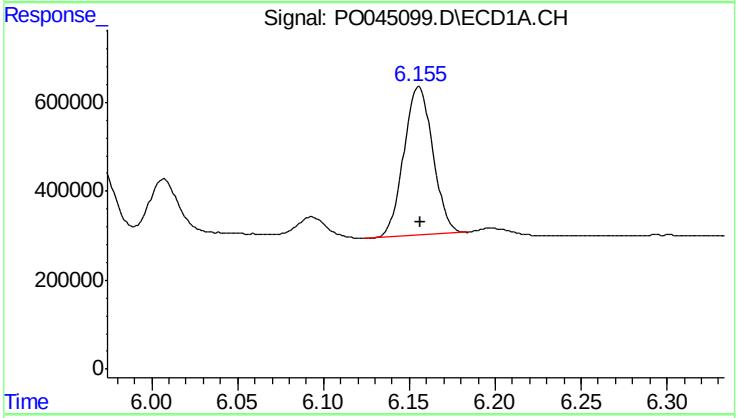
R.T.: 6.156 min
Delta R.T.: -0.042 min
Response: 3929515
Conc: 266.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



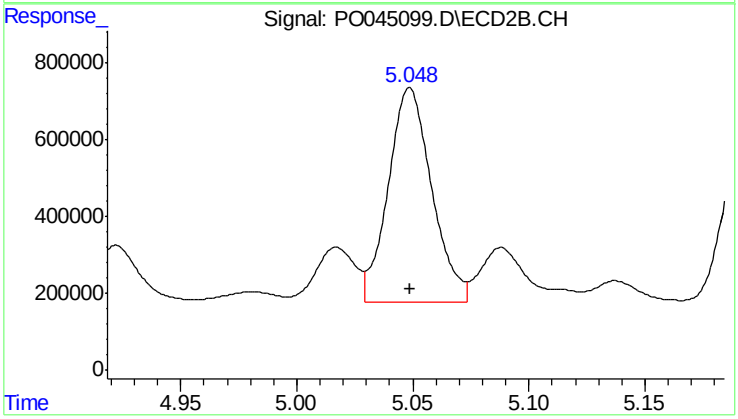
#25 AR-1248-5

R.T.: 5.586 min
Delta R.T.: 0.010 min
Response: 7397215
Conc: 475.87 ng/ml



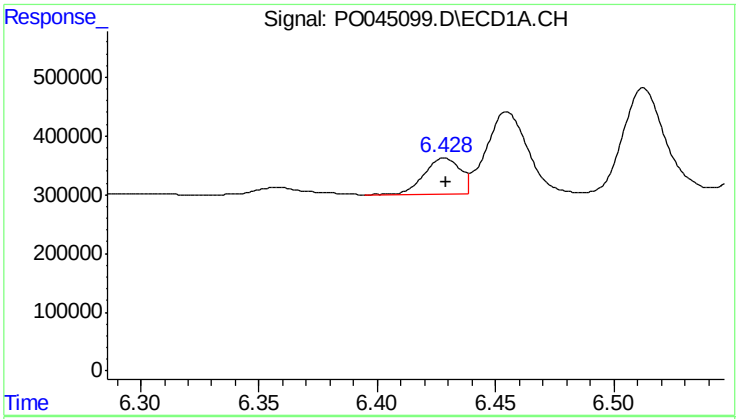
#26 AR-1254-1

R.T.: 6.156 min
Delta R.T.: 0.000 min
Response: 3929515
Conc: 114.15 ng/ml



#26 AR-1254-1

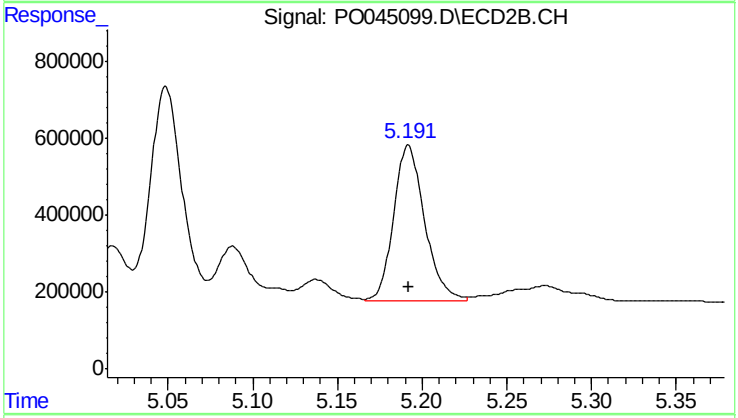
R.T.: 5.049 min
Delta R.T.: 0.000 min
Response: 7302035
Conc: 180.91 ng/ml



#27 AR-1254-2

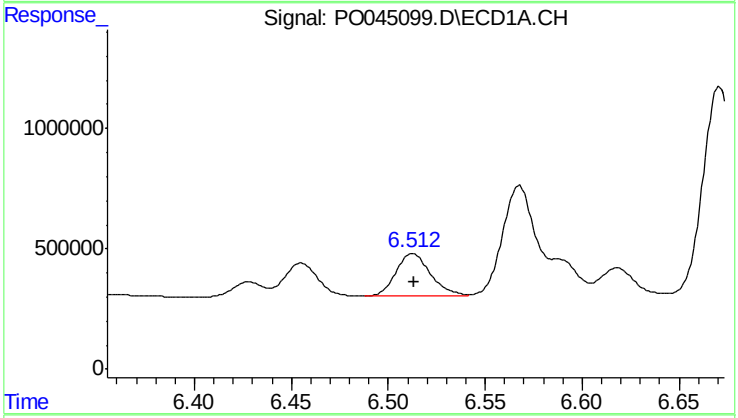
R.T.: 6.428 min
Delta R.T.: 0.000 min
Response: 637910
Conc: 28.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



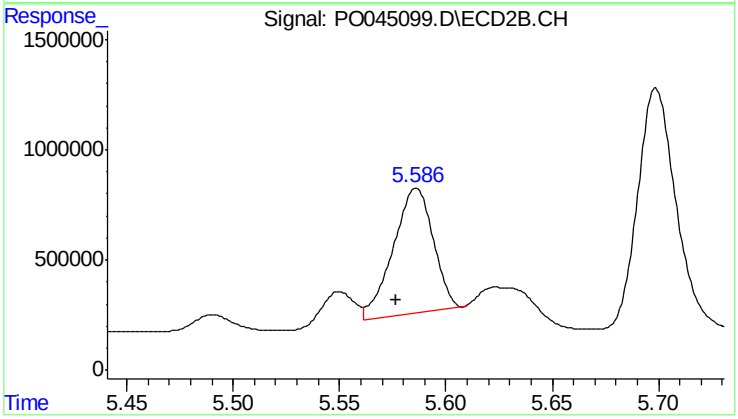
#27 AR-1254-2

R.T.: 5.192 min
Delta R.T.: 0.000 min
Response: 5171622
Conc: 148.85 ng/ml



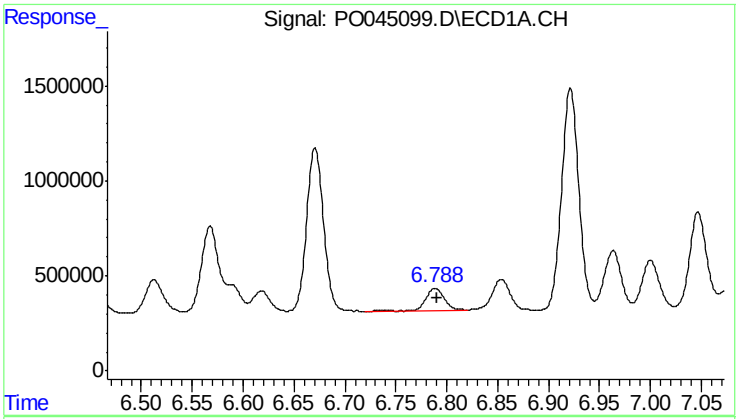
#28 AR-1254-3

R.T.: 6.513 min
Delta R.T.: 0.000 min
Response: 2160502
Conc: 56.22 ng/ml



#28 AR-1254-3

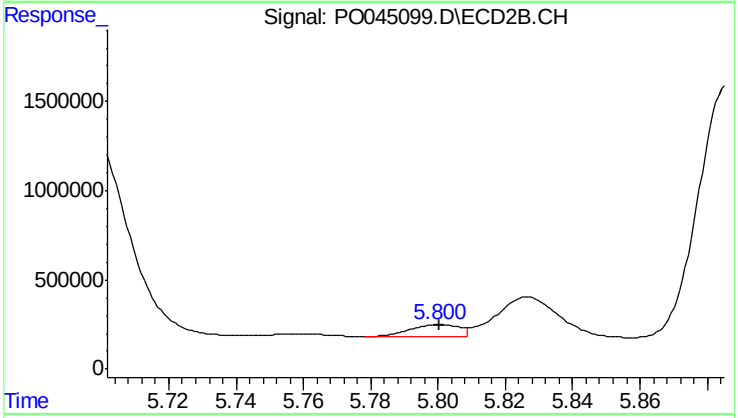
R.T.: 5.586 min
Delta R.T.: 0.010 min
Response: 7397215
Conc: 127.67 ng/ml



#29 AR-1254-4

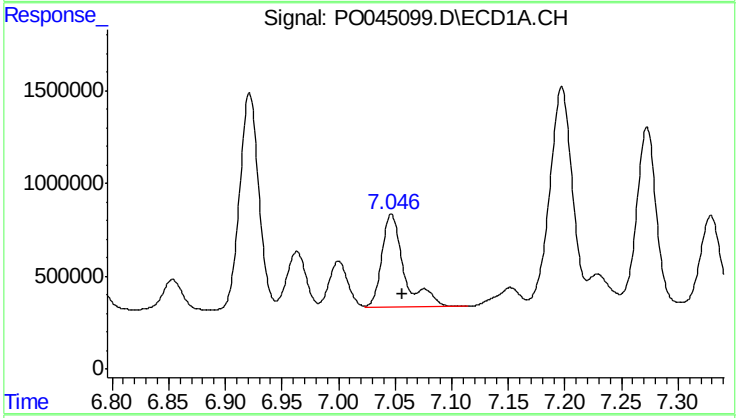
R.T.: 6.789 min
Delta R.T.: -0.002 min
Response: 1497785
Conc: 46.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



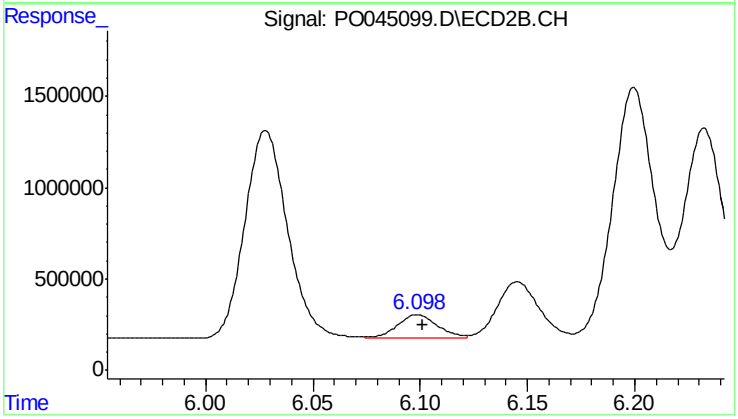
#29 AR-1254-4

R.T.: 5.800 min
Delta R.T.: 0.000 min
Response: 729519
Conc: 16.39 ng/ml



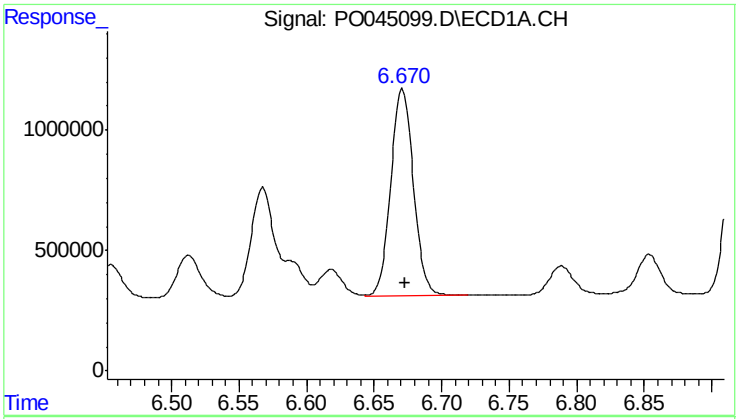
#30 AR-1254-5

R.T.: 7.047 min
Delta R.T.: -0.010 min
Response: 6976107
Conc: 302.73 ng/ml



#30 AR-1254-5

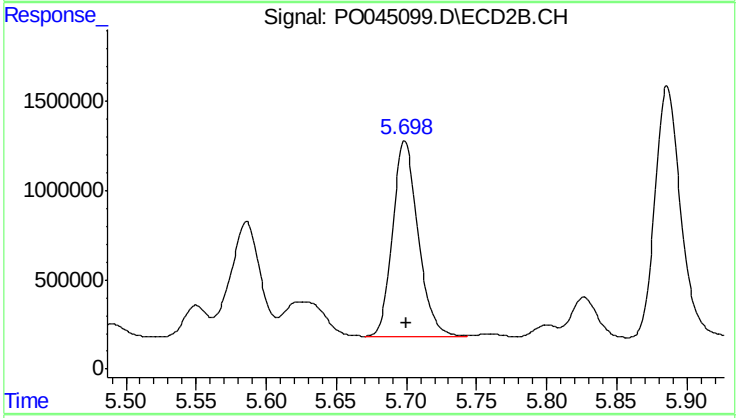
R.T.: 6.099 min
Delta R.T.: -0.003 min
Response: 1625577
Conc: 61.55 ng/ml



#31 AR-1260-1

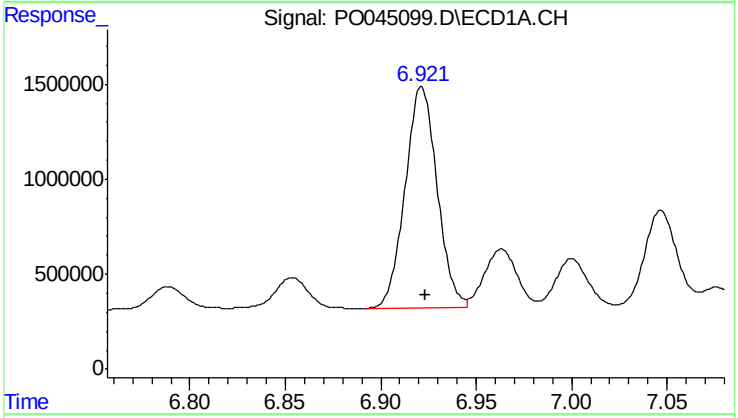
R.T.: 6.671 min
Delta R.T.: -0.002 min
Response: 10056642
Conc: 431.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



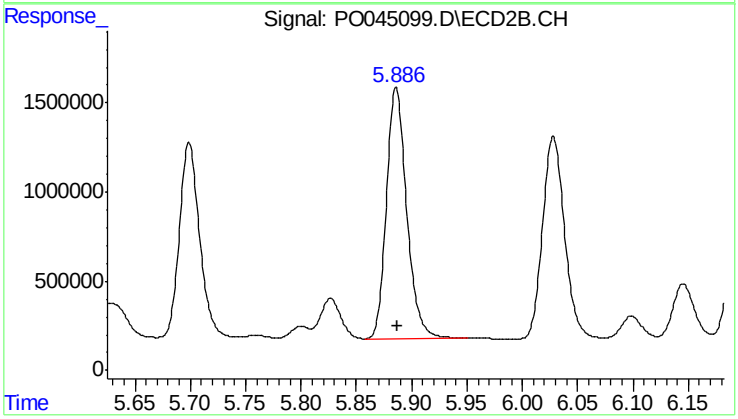
#31 AR-1260-1

R.T.: 5.699 min
Delta R.T.: 0.000 min
Response: 13849186
Conc: 451.26 ng/ml



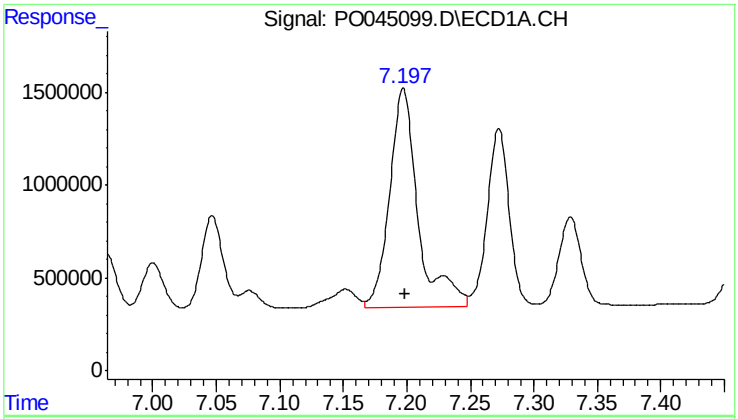
#32 AR-1260-2

R.T.: 6.922 min
Delta R.T.: -0.002 min
Response: 13611108
Conc: 450.84 ng/ml



#32 AR-1260-2

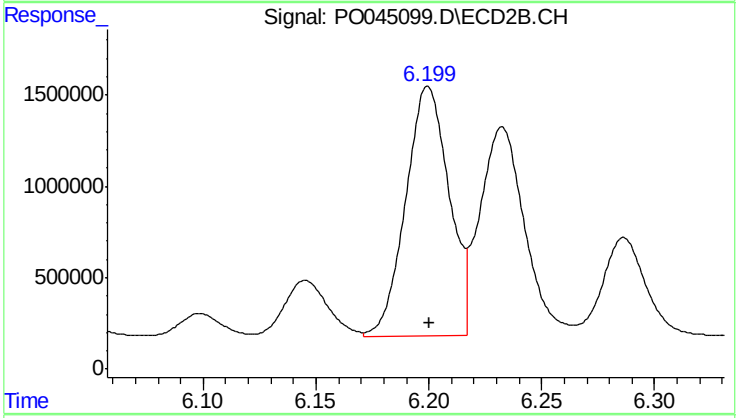
R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 17860718
Conc: 448.49 ng/ml



#33 AR-1260-3

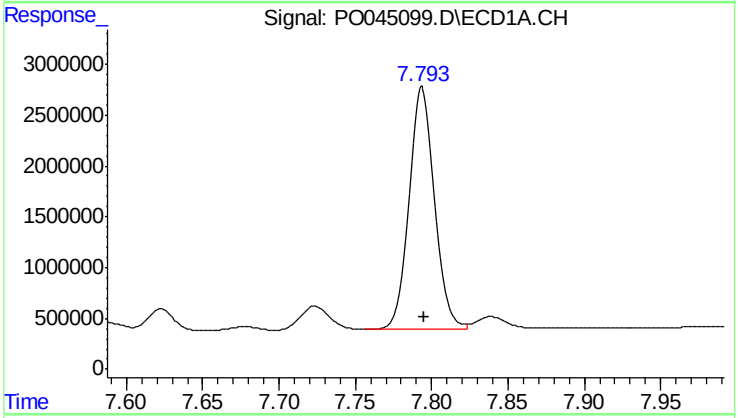
R.T.: 7.197 min
Delta R.T.: -0.002 min
Response: 18362227
Conc: 486.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



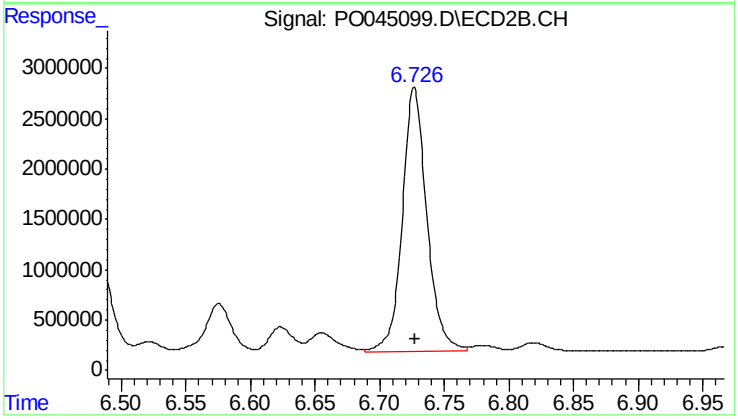
#33 AR-1260-3

R.T.: 6.200 min
Delta R.T.: 0.000 min
Response: 18312392
Conc: 433.95 ng/ml



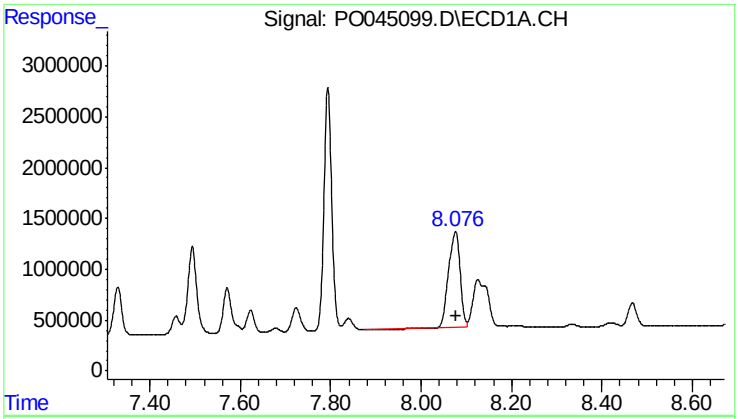
#34 AR-1260-4

R.T.: 7.794 min
Delta R.T.: -0.001 min
Response: 28529562
Conc: 450.33 ng/ml



#34 AR-1260-4

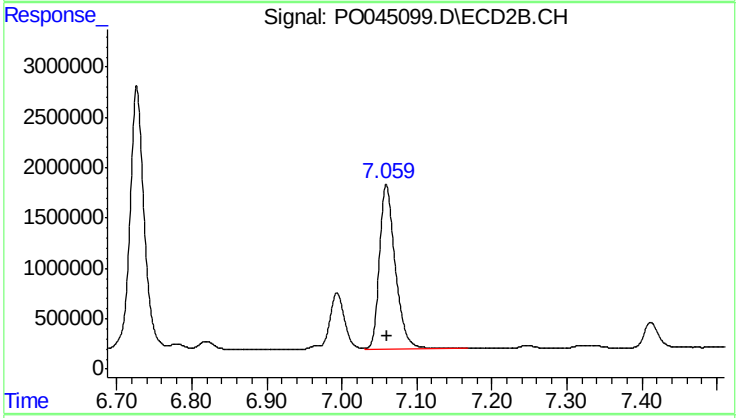
R.T.: 6.727 min
Delta R.T.: -0.001 min
Response: 34703603
Conc: 430.75 ng/ml



#35 AR-1260-5

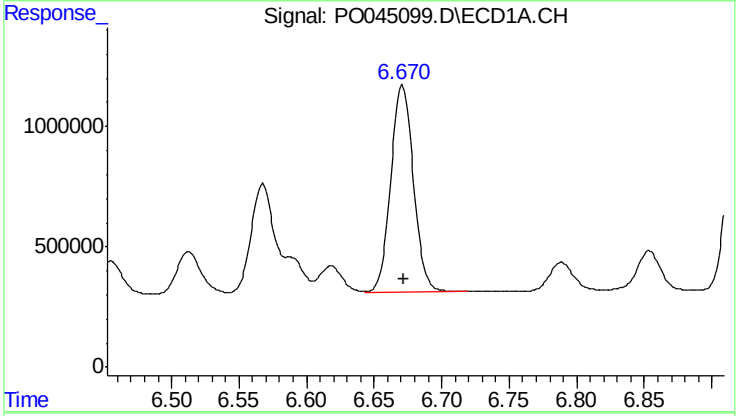
R.T.: 8.076 min
Delta R.T.: -0.002 min
Response: 16918112
Conc: 444.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



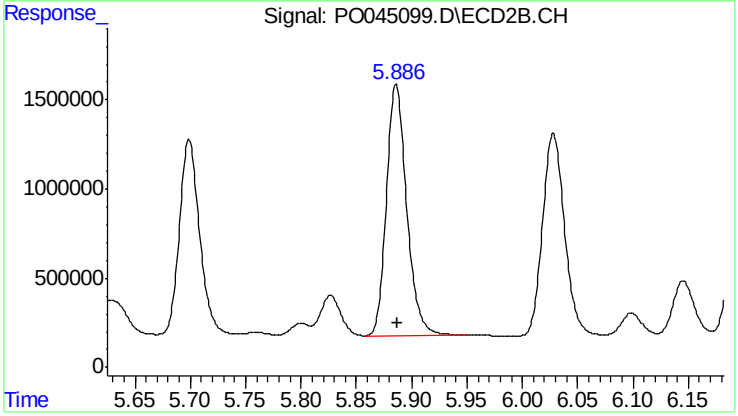
#35 AR-1260-5

R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 23791561
Conc: 426.22 ng/ml



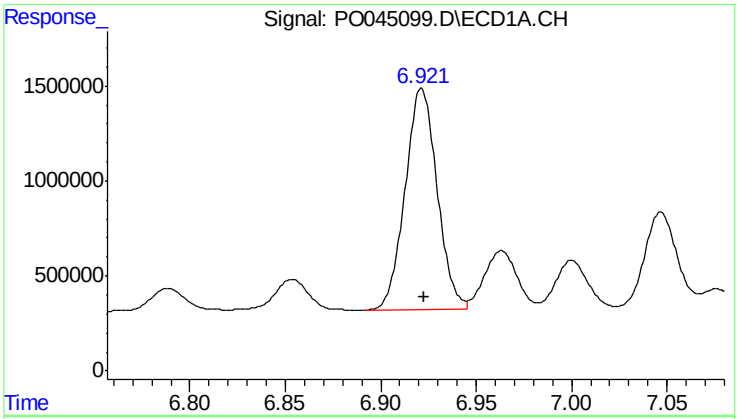
#36 AR-1262-1

R.T.: 6.671 min
Delta R.T.: -0.001 min
Response: 10056642
Conc: 422.68 ng/ml



#36 AR-1262-1

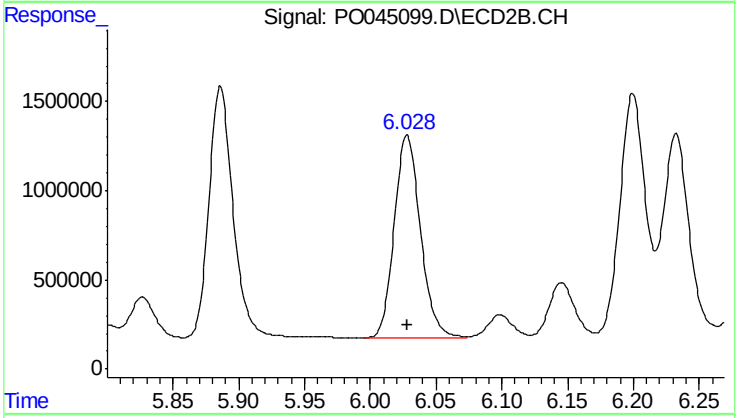
R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 17860718
Conc: 421.82 ng/ml



#37 AR-1262-2

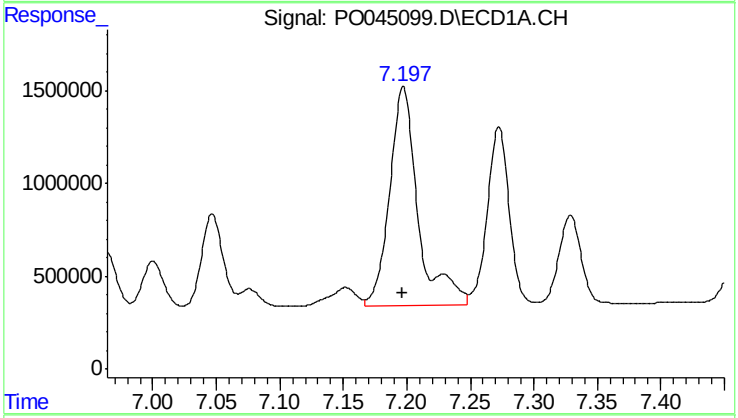
R.T.: 6.922 min
Delta R.T.: -0.001 min
Response: 13611108
Conc: 435.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



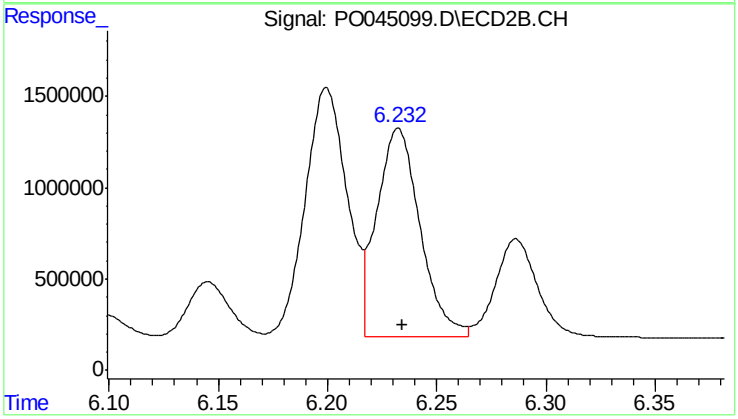
#37 AR-1262-2

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 15661994
Conc: 414.54 ng/ml



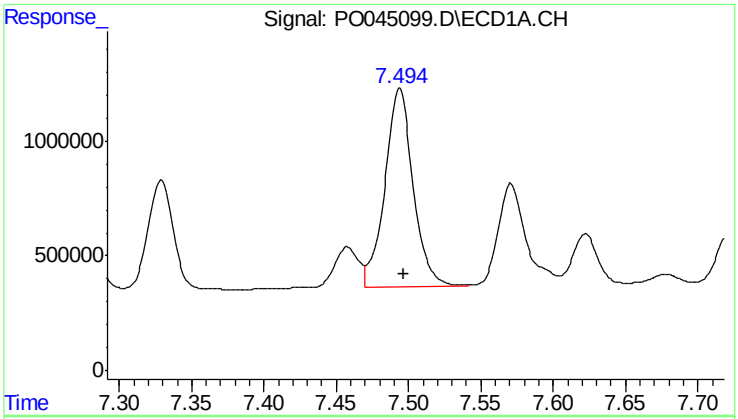
#38 AR-1262-3

R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 18362227
Conc: 609.38 ng/ml



#38 AR-1262-3

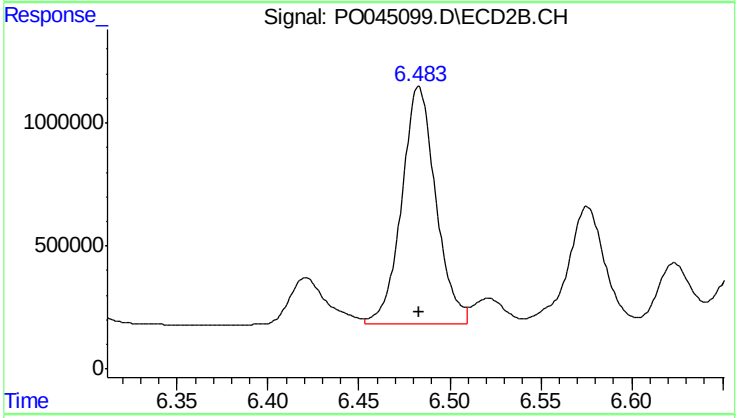
R.T.: 6.233 min
Delta R.T.: -0.002 min
Response: 15864762
Conc: 229.62 ng/ml



#39 AR-1262-4

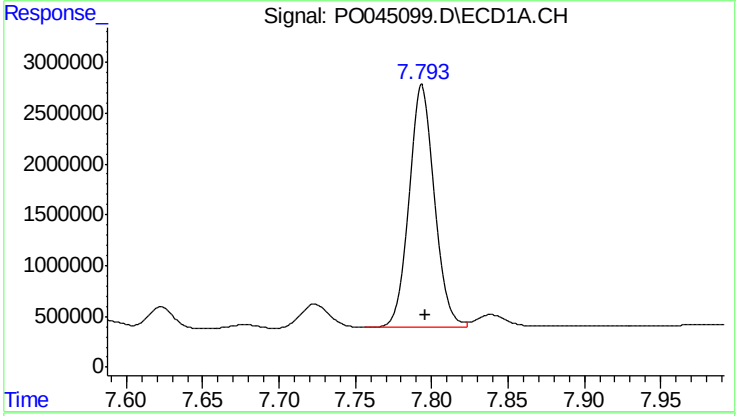
R.T.: 7.494 min
Delta R.T.: -0.003 min
Response: 11646269
Conc: 281.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



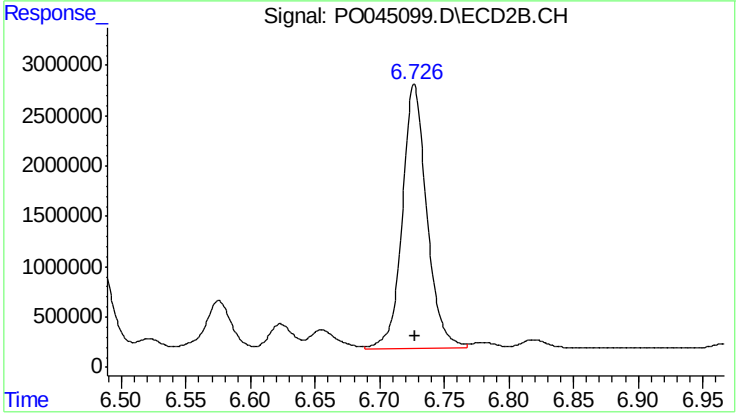
#39 AR-1262-4

R.T.: 6.483 min
Delta R.T.: 0.000 min
Response: 12646872
Conc: 223.00 ng/ml



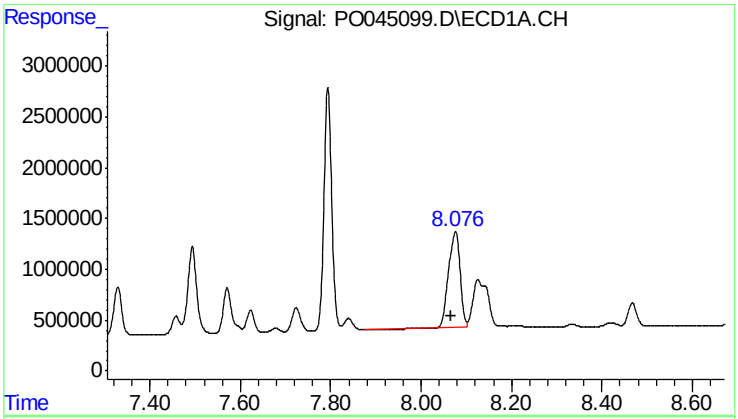
#40 AR-1262-5

R.T.: 7.794 min
Delta R.T.: -0.002 min
Response: 28529562
Conc: 303.91 ng/ml



#40 AR-1262-5

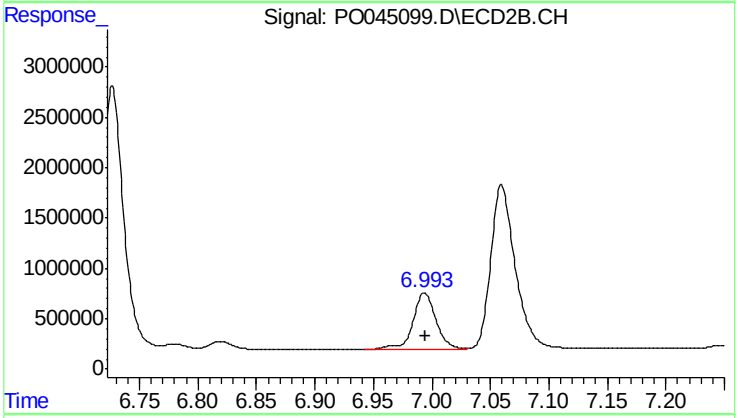
R.T.: 6.727 min
Delta R.T.: -0.001 min
Response: 34703603
Conc: 271.96 ng/ml



#41 AR-1268-1

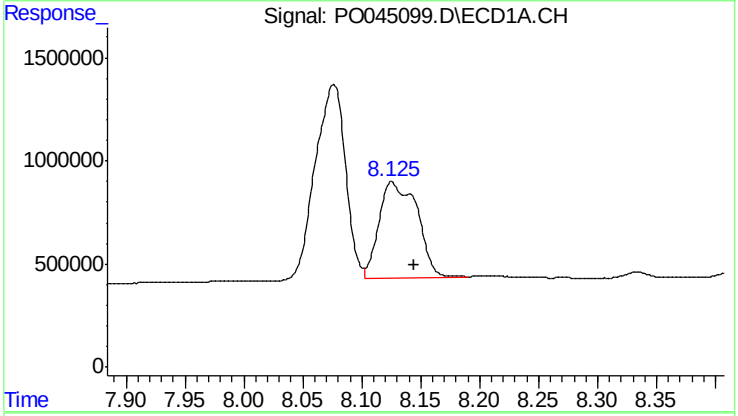
R.T.: 8.076 min
Delta R.T.: 0.011 min
Response: 16918112
Conc: 168.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



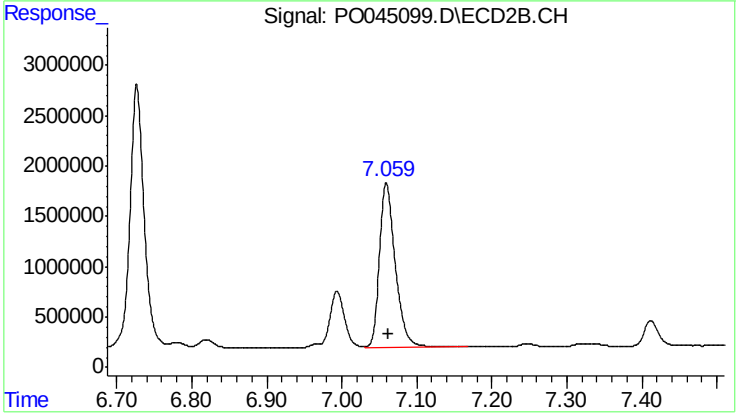
#41 AR-1268-1

R.T.: 6.994 min
Delta R.T.: -0.001 min
Response: 7699573
Conc: 57.29 ng/ml



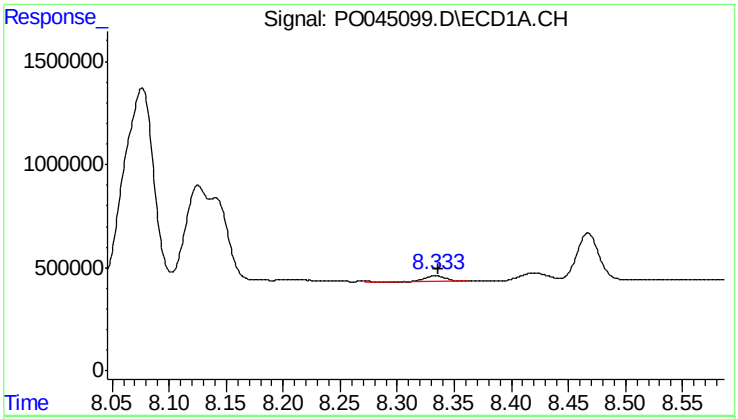
#42 AR-1268-2

R.T.: 8.126 min
Delta R.T.: -0.019 min
Response: 10528410
Conc: 118.21 ng/ml



#42 AR-1268-2

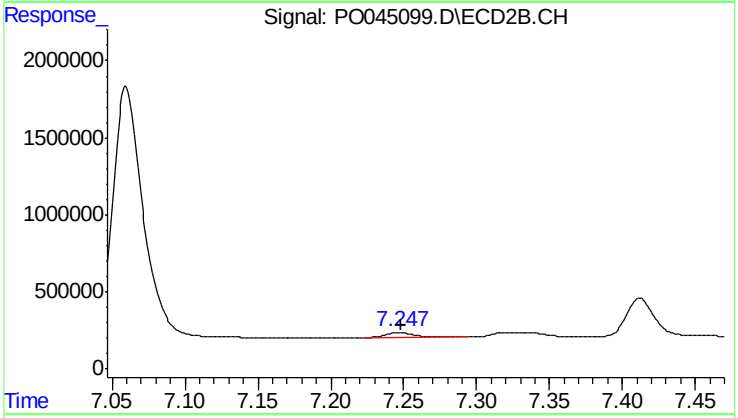
R.T.: 7.060 min
Delta R.T.: -0.002 min
Response: 23791561
Conc: 189.82 ng/ml



#43 AR-1268-3

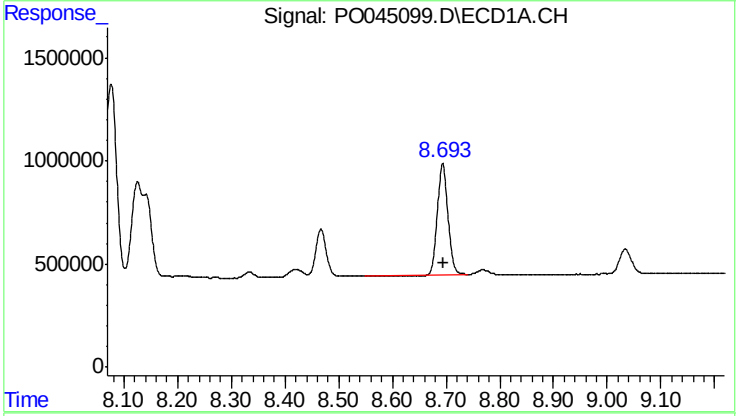
R.T.: 8.334 min
Delta R.T.: -0.002 min
Response: 331256
Conc: 4.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



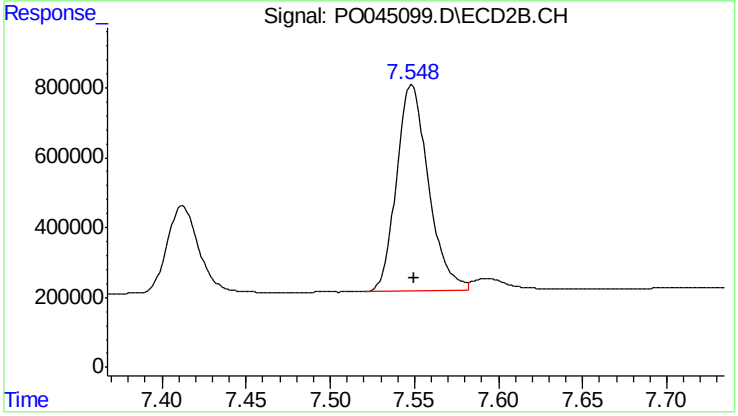
#43 AR-1268-3

R.T.: 7.247 min
Delta R.T.: -0.001 min
Response: 425473
Conc: 3.94 ng/ml



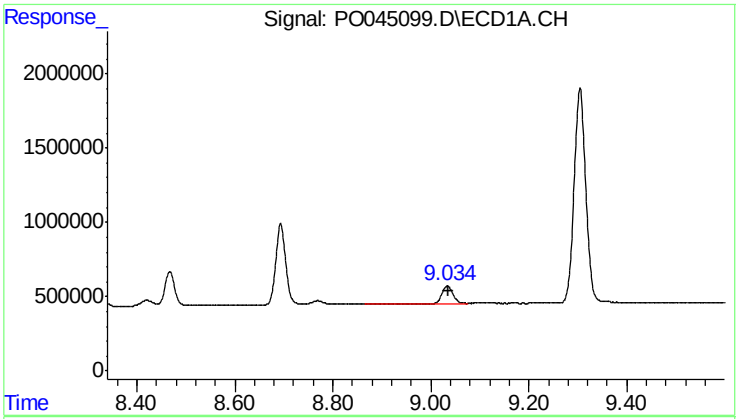
#44 AR-1268-4

R.T.: 8.694 min
Delta R.T.: -0.002 min
Response: 7490431
Conc: 233.76 ng/ml



#44 AR-1268-4

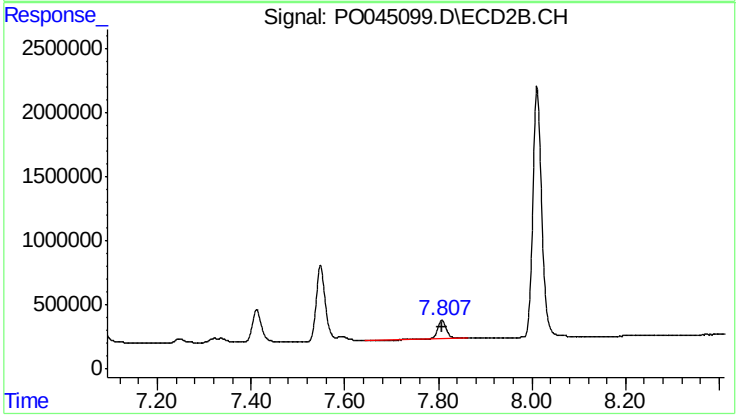
R.T.: 7.548 min
Delta R.T.: -0.001 min
Response: 7833693
Conc: 196.96 ng/ml



#45 AR-1268-5

R.T.: 9.034 min
Delta R.T.: -0.003 min
Response: 1799567
Conc: 7.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 7.807 min
Delta R.T.: -0.002 min
Response: 1981136
Conc: 6.63 ng/ml