Quantitation Report (Not Reviewed)

Data Path : P:\HPCHEM1\ECD_O\Data\PO032418\
Data File : PO043281.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Mar 2018 14:55
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: Mar 23 15:11:05 2018
Quant Method : P:\HPCHEM1\ECD_O\methods\PO032318.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 23 05:22:35 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...	4.088	3.333	11965020	16200402	56.466	55.349	
2)	SA Decachlor...	9.452	8.108	9863693	14519581	40.613	40.600	
	Target Compounds							
3)	L1 AR-1016-1	4.953	4.151	2990941	4081203	525.636	506.226	
4)	L1 AR-1016-2	5.293	4.587	4138741	3596882	476.943	496.752	
5)	L1 AR-1016-3	5.387	4.625	3390192	4499748	487.569	502.107	
6)	L1 AR-1016-4	5.809	4.790	3496959	4911817	490.372	506.451	
7)	L1 AR-1016-5	6.039	5.126	4108491	5073819	624.464	500.144	
8)	L2 AR-1221-1	4.286	3.535	505071	482606	153.209	111.985	#
9)	L2 AR-1221-2	4.374	3.618	664738	720717	275.277	229.365	
10)	L2 AR-1221-3	4.445	3.688	2222730	2790923	289.235	275.995	
11)	L3 AR-1232-1	4.445	3.688	2222730	2790923	531.327	516.231	
12)	L3 AR-1232-2	5.212	4.376	4349948	15692739	1344.618	1375.529	
13)	L3 AR-1232-3	5.212	4.432	4349948	6002200	847.277	1278.775	#
14)	L3 AR-1232-4	5.293	4.545	4138741	4689001	1259.044	1338.144	
15)	L3 AR-1232-5	5.387	4.587	3390192	3596882	1383.588	1469.342	
16)	L4 AR-1242-1	4.768	4.151	3015805	4081203	856.536	812.126	
17)	L4 AR-1242-2	5.212	4.376	4349948	15692739	524.066	838.428	#
18)	L4 AR-1242-3	5.387	4.545	3390192	4689001	783.489	817.239	
19)	L4 AR-1242-4	5.672	4.625	3309256	4499748	793.390	787.568	
20)	L4 AR-1242-5	5.809	4.790	3496959	4911817	740.082	790.889	
21)	L5 AR-1248-1	5.672	4.790	3309256	4911817	439.221	433.721	
22)	L5 AR-1248-2	5.809	4.929	3496959	5338151	524.849	487.014	
23)	L5 AR-1248-3	6.039	5.126	4108491	5073819	447.174	290.783	#
24)	L5 AR-1248-4	6.101	5.165	1033855	1222728	111.930	85.873	
25)	L5 AR-1248-5	6.250	5.669	2352960	7364381	373.774	902.329	#
26)	L6 AR-1254-1	6.250	5.126	2352960	5073819	147.780	236.226	#
27)	L6 AR-1254-2	6.524	5.269	528225	3705775	51.214	192.334	#
28)	L6 AR-1254-3	6.608	5.669	1474709	7364381	81.790	229.868	#
29)	L6 AR-1254-4	6.886	5.881	1041147	586828	69.945	22.137	#
30)	L6 AR-1254-5	7.145	6.184	3669611	1192946	336.845	80.447	#
31)	L7 AR-1260-1	6.769	5.781	6611213	10291646	470.403	459.283	
32)	L7 AR-1260-2	7.019	5.968	8178998	13692457	450.425	423.657	
33)	L7 AR-1260-3	7.295	6.112	10569225	11393898	520.035	434.181	
34)	L7 AR-1260-4	7.427	6.283	3314778	13293612	452.152	433.254	
35)	L7 AR-1260-5	7.893	6.813	14327091	18531790	470.393	318.363	#
36)	L8 AR-1262-1	6.769	5.968	6611213	13692457	621.990	596.444	
37)	L8 AR-1262-2	7.019	6.112	8178998	11393898	607.232	544.937	
38)	L8 AR-1262-3	7.295	6.318	10569225	11280884	847.280	303.351	#

Data Path : P:\HPCHEM1\ECD_O\Data\PO032418\
Data File : PO043281.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Mar 2018 14:55
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: Mar 23 15:11:05 2018
Quant Method : P:\HPCHEM1\ECD_O\methods\PO032318.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 23 05:22:35 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	7.592	6.569	6463933	9055678	386.583	313.115	
40) L8	AR-1262-5	7.893	6.813	14327091	18531790	421.048	290.741	#
41) L9	AR-1268-1	8.177	7.084	8409803	4746865	162.278	49.314	#
42) L9	AR-1268-2	8.230	7.147	5312328	12994144	114.506	149.295	#
43) L9	AR-1268-3	8.446	0.000	151352	0	3.849	N.D.	#
44) L9	AR-1268-4	8.814	7.638	3732881	4451414	220.525	150.896	#
45) L9	AR-1268-5	9.167	7.899	934704	1101510	8.401	5.682	#

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

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Acq On : 23 Mar 2018 14:55
Operator : SM/UA
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
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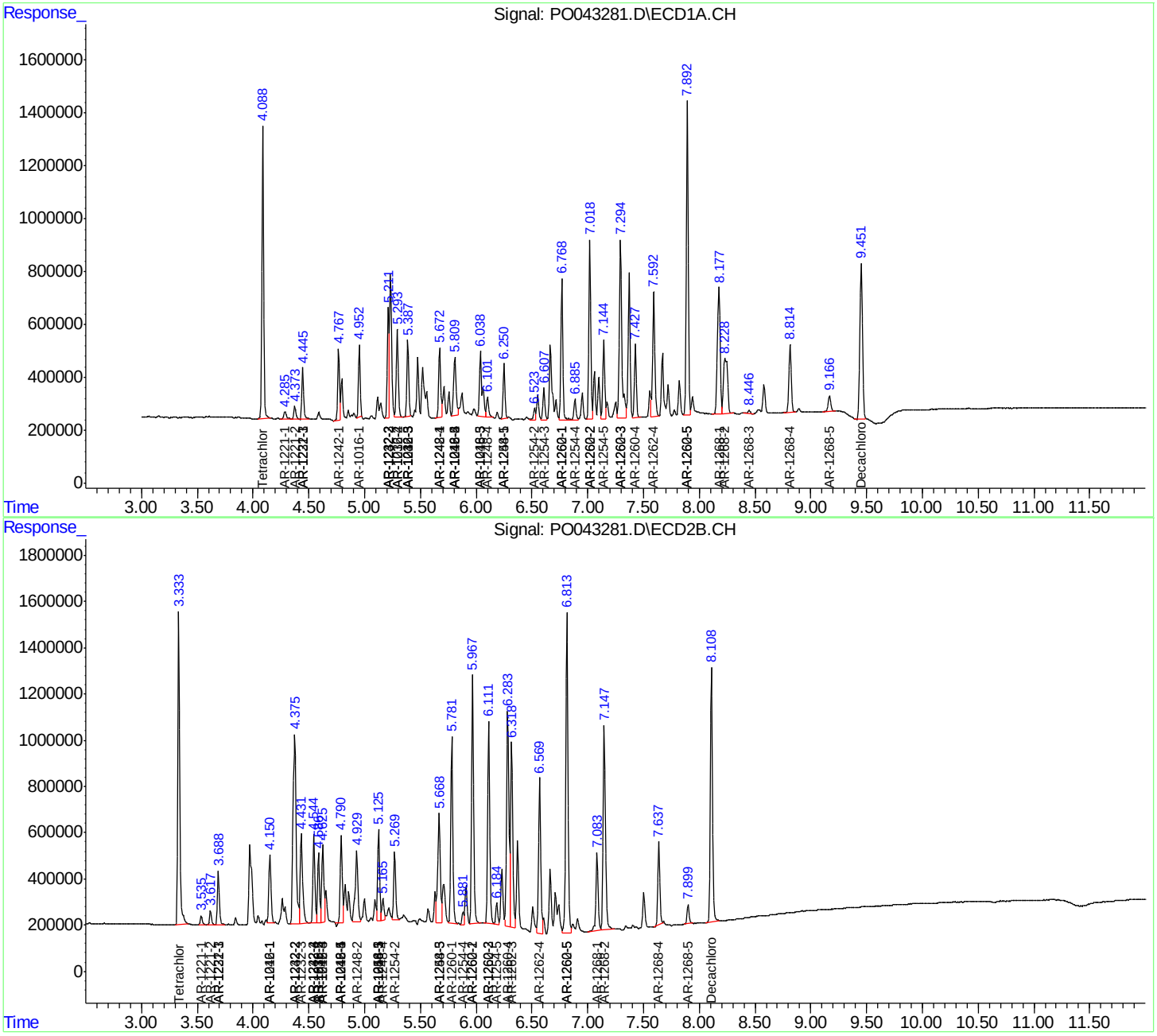
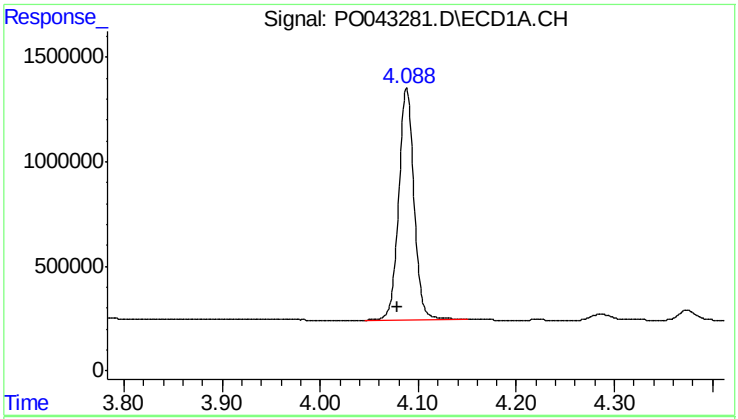
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

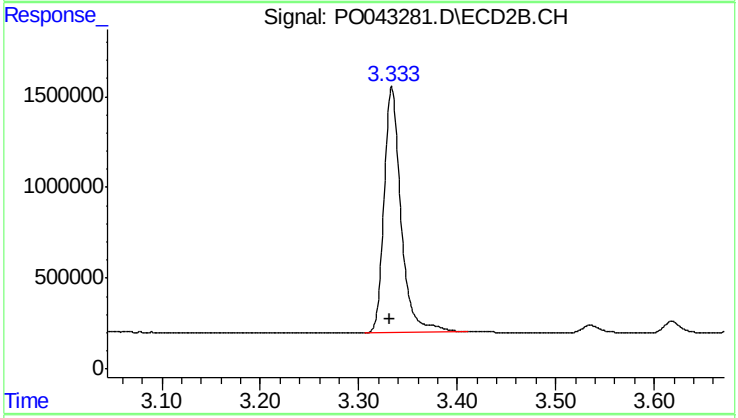




#1 Tetrachloro-m-xylene

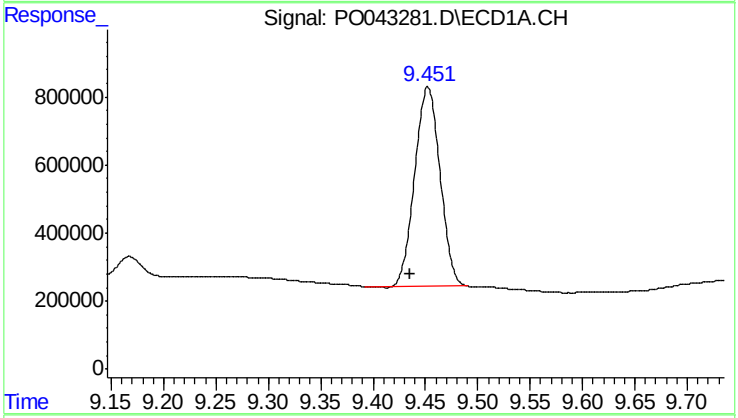
R.T.: 4.088 min
Delta R.T.: 0.010 min
Response: 11965020
Conc: 56.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



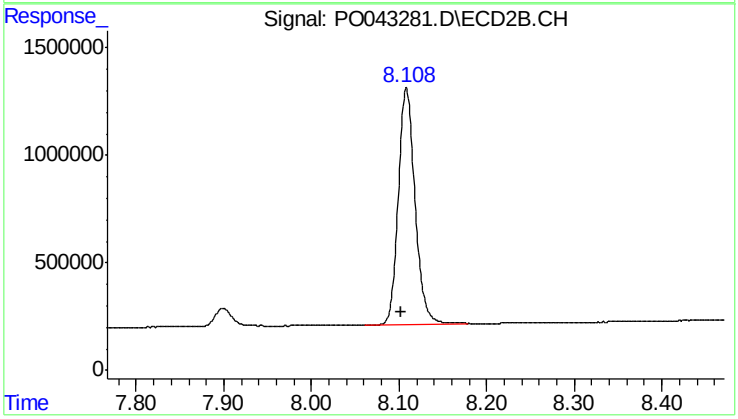
#1 Tetrachloro-m-xylene

R.T.: 3.333 min
Delta R.T.: 0.001 min
Response: 16200402
Conc: 55.35 ng/ml



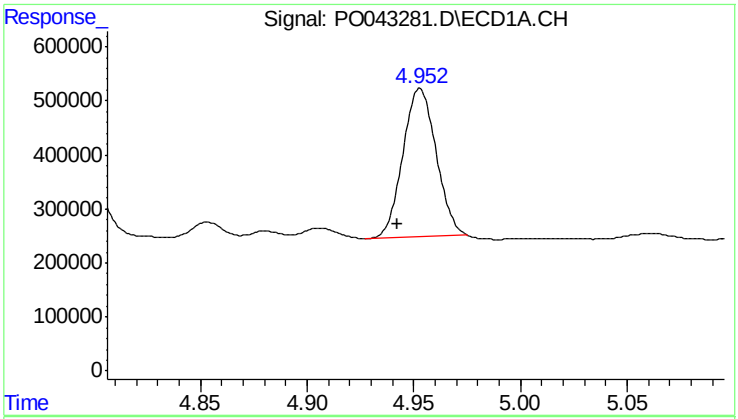
#2 Decachlorobiphenyl

R.T.: 9.452 min
Delta R.T.: 0.017 min
Response: 9863693
Conc: 40.61 ng/ml



#2 Decachlorobiphenyl

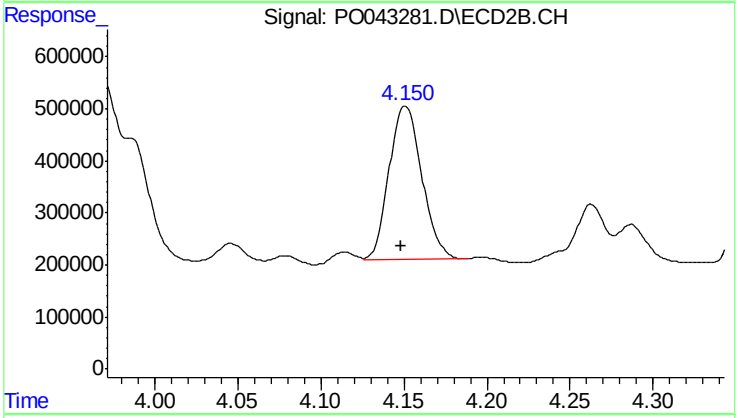
R.T.: 8.108 min
Delta R.T.: 0.006 min
Response: 14519581
Conc: 40.60 ng/ml



#3 AR-1016-1

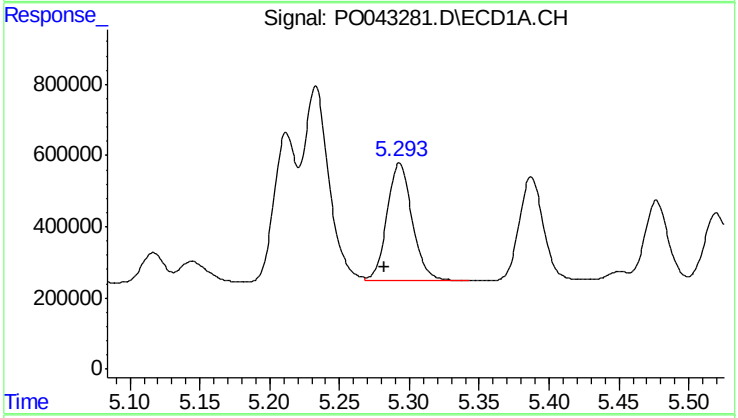
R.T.: 4.953 min
Delta R.T.: 0.010 min
Response: 2990941
Conc: 525.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



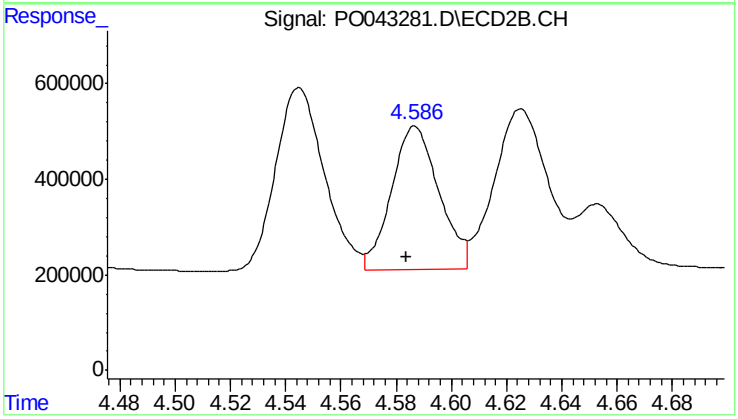
#3 AR-1016-1

R.T.: 4.151 min
Delta R.T.: 0.002 min
Response: 4081203
Conc: 506.23 ng/ml



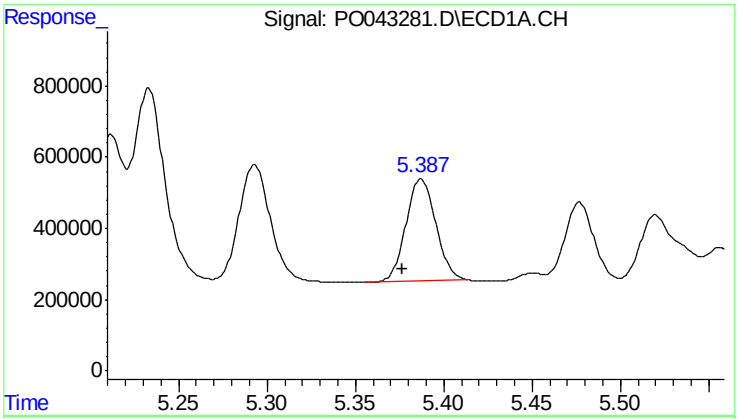
#4 AR-1016-2

R.T.: 5.293 min
Delta R.T.: 0.011 min
Response: 4138741
Conc: 476.94 ng/ml



#4 AR-1016-2

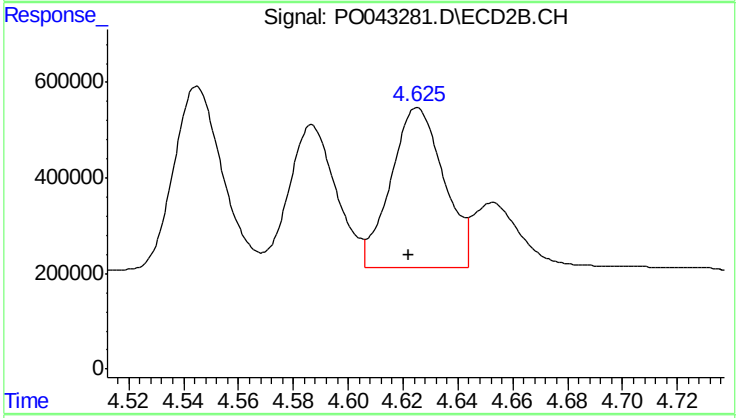
R.T.: 4.587 min
Delta R.T.: 0.003 min
Response: 3596882
Conc: 496.75 ng/ml



#5 AR-1016-3

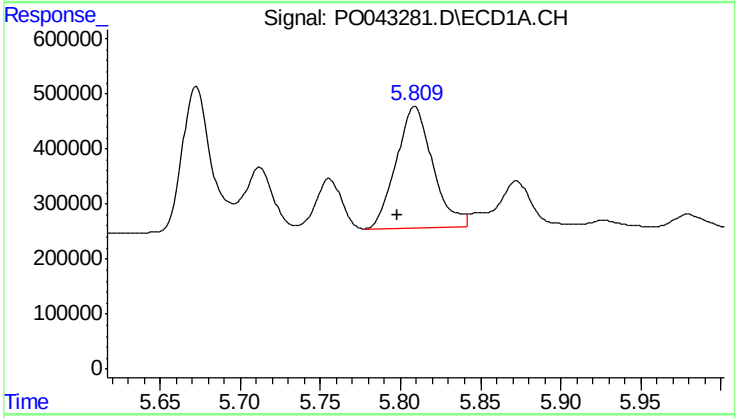
R.T.: 5.387 min
Delta R.T.: 0.010 min
Response: 3390192
Conc: 487.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



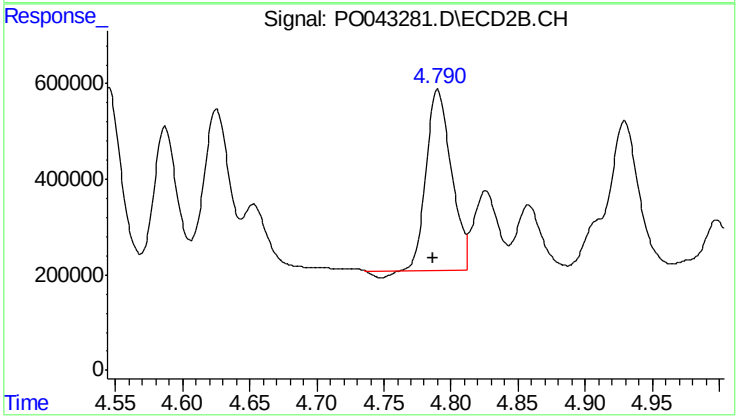
#5 AR-1016-3

R.T.: 4.625 min
Delta R.T.: 0.003 min
Response: 4499748
Conc: 502.11 ng/ml



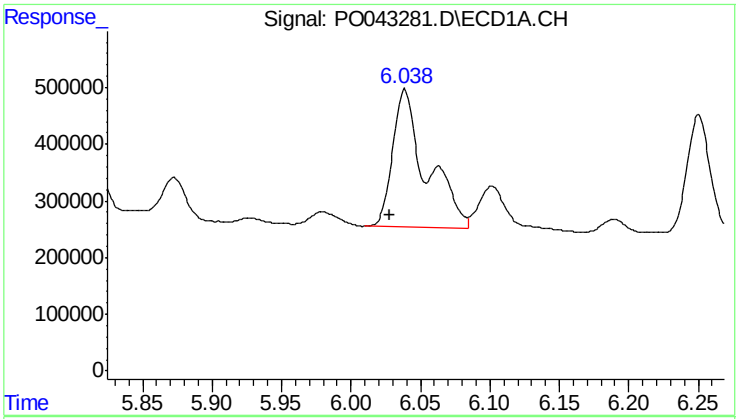
#6 AR-1016-4

R.T.: 5.809 min
Delta R.T.: 0.011 min
Response: 3496959
Conc: 490.37 ng/ml



#6 AR-1016-4

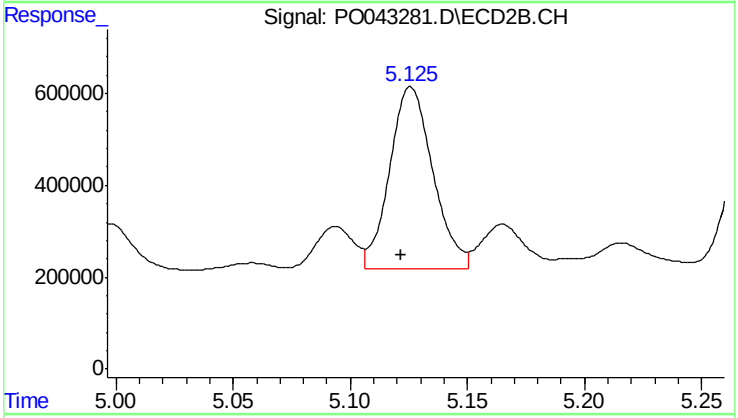
R.T.: 4.790 min
Delta R.T.: 0.004 min
Response: 4911817
Conc: 506.45 ng/ml



#7 AR-1016-5

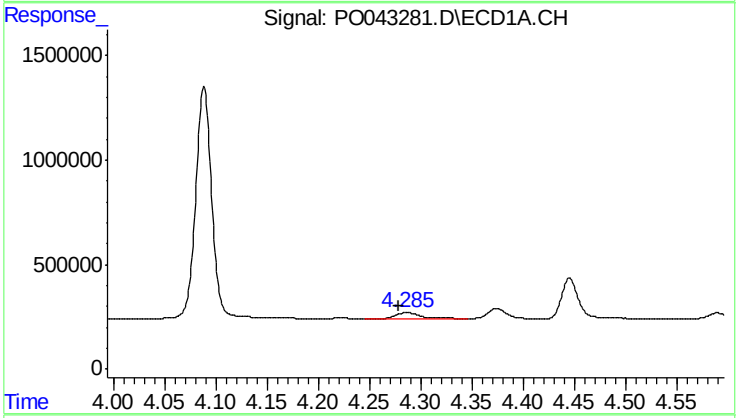
R.T.: 6.039 min
Delta R.T.: 0.011 min
Response: 4108491
Conc: 624.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



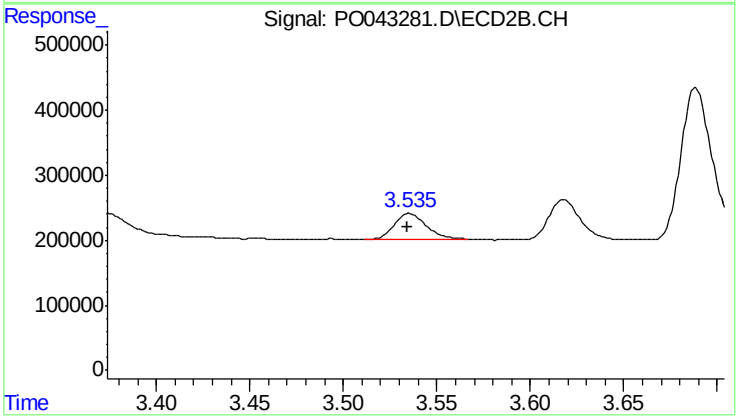
#7 AR-1016-5

R.T.: 5.126 min
Delta R.T.: 0.004 min
Response: 5073819
Conc: 500.14 ng/ml



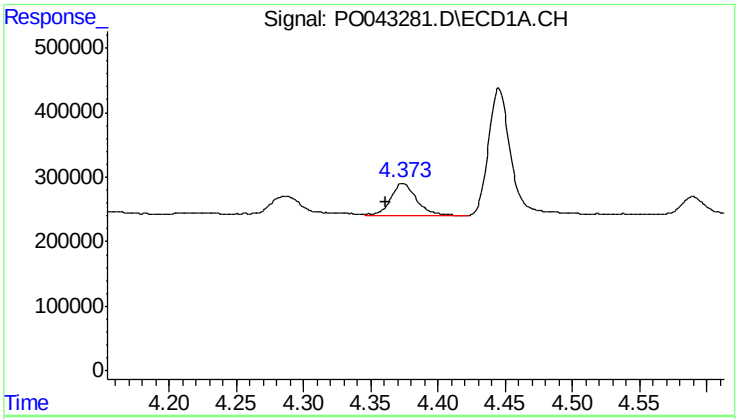
#8 AR-1221-1

R.T.: 4.286 min
Delta R.T.: 0.009 min
Response: 505071
Conc: 153.21 ng/ml



#8 AR-1221-1

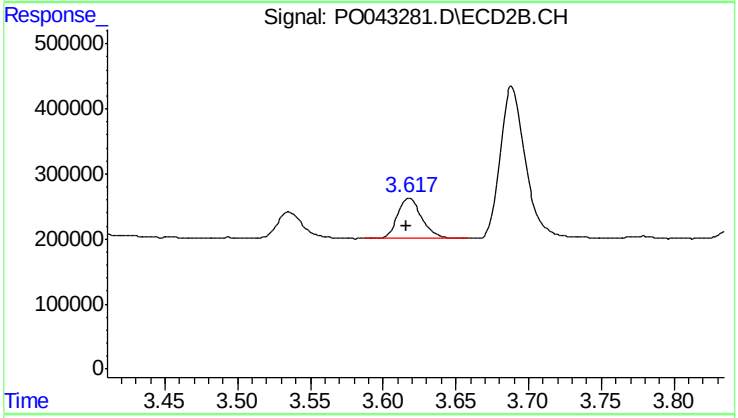
R.T.: 3.535 min
Delta R.T.: 0.000 min
Response: 482606
Conc: 111.98 ng/ml



#9 AR-1221-2

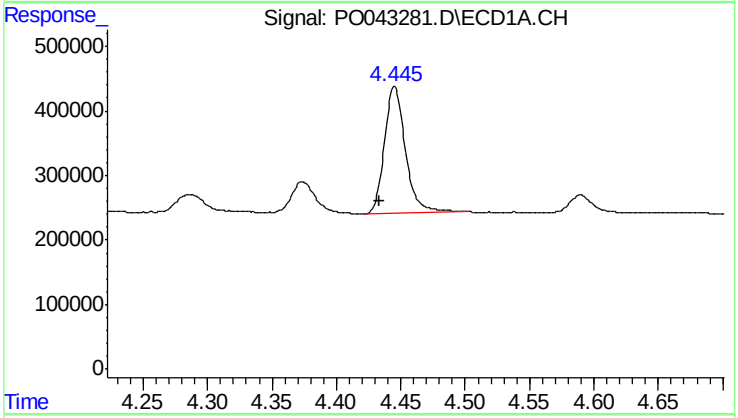
R.T.: 4.374 min
Delta R.T.: 0.013 min
Response: 664738
Conc: 275.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



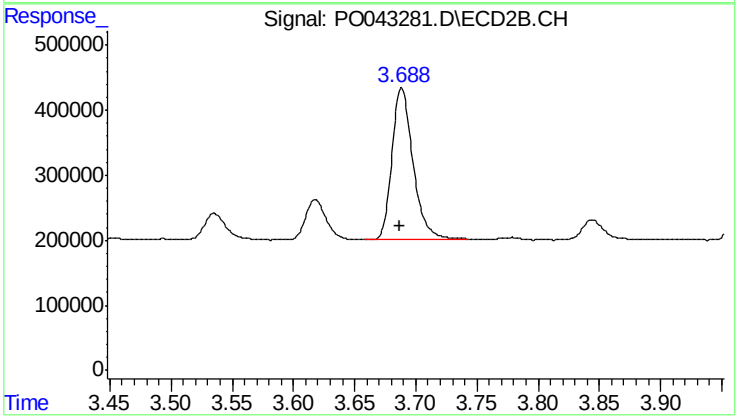
#9 AR-1221-2

R.T.: 3.618 min
Delta R.T.: 0.002 min
Response: 720717
Conc: 229.37 ng/ml



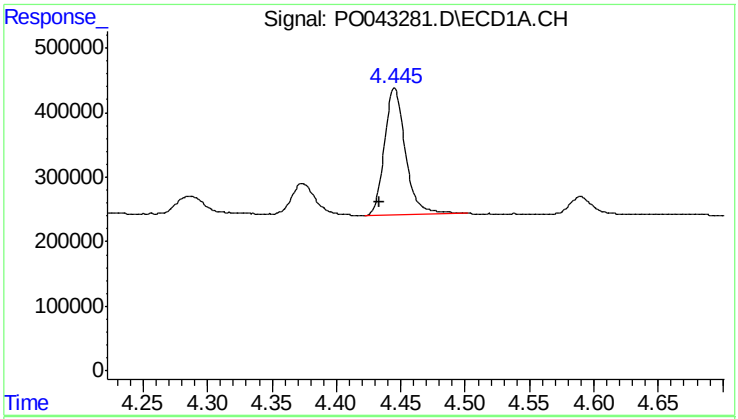
#10 AR-1221-3

R.T.: 4.445 min
Delta R.T.: 0.012 min
Response: 2222730
Conc: 289.24 ng/ml



#10 AR-1221-3

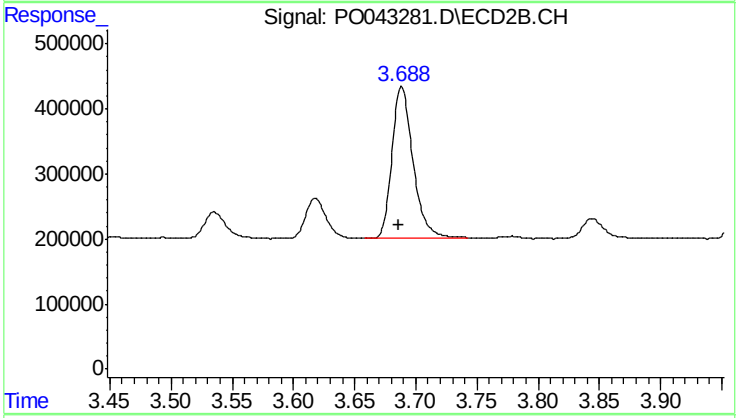
R.T.: 3.688 min
Delta R.T.: 0.002 min
Response: 2790923
Conc: 276.00 ng/ml



#11 AR-1232-1

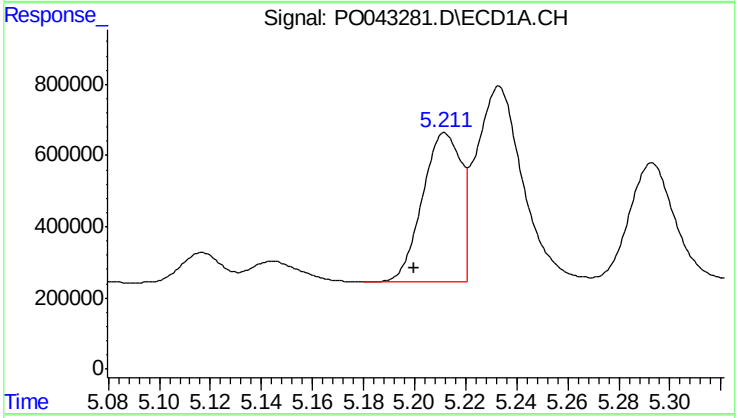
R.T.: 4.445 min
Delta R.T.: 0.012 min
Response: 2222730
Conc: 531.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



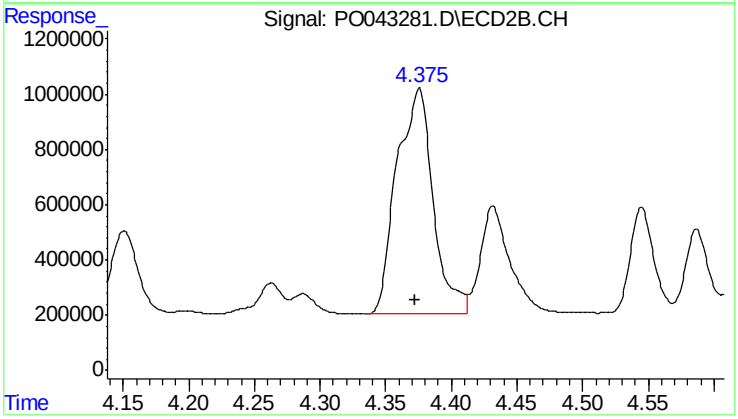
#11 AR-1232-1

R.T.: 3.688 min
Delta R.T.: 0.002 min
Response: 2790923
Conc: 516.23 ng/ml



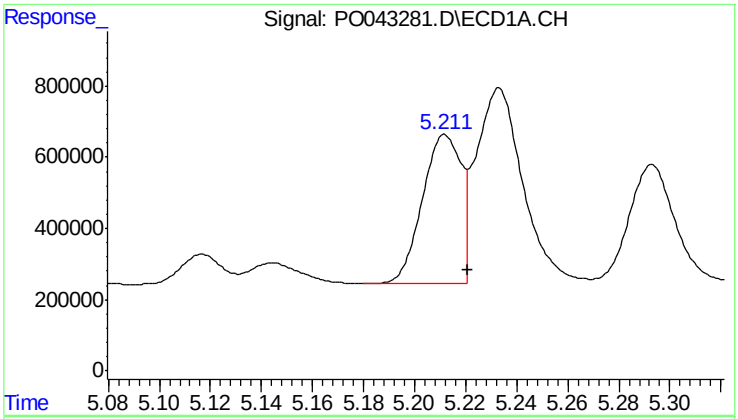
#12 AR-1232-2

R.T.: 5.212 min
Delta R.T.: 0.013 min
Response: 4349948
Conc: 1344.62 ng/ml



#12 AR-1232-2

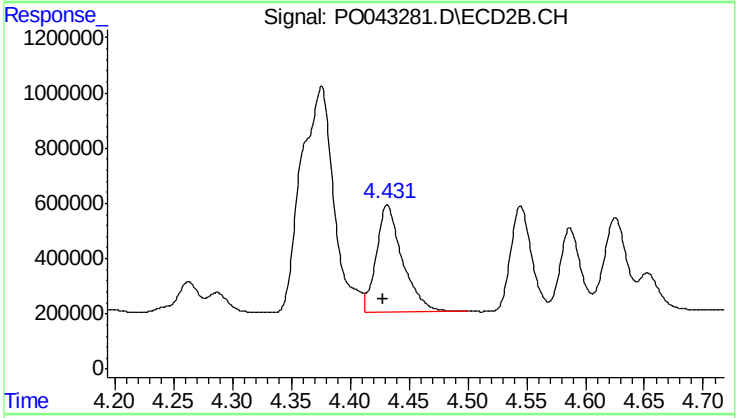
R.T.: 4.376 min
Delta R.T.: 0.003 min
Response: 15692739
Conc: 1375.53 ng/ml



#13 AR-1232-3

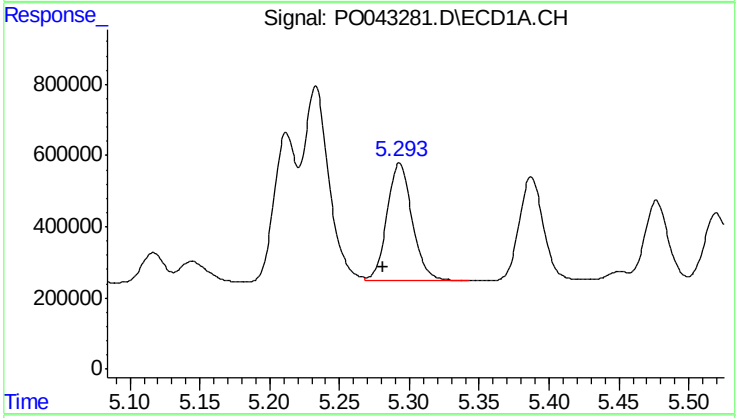
R.T.: 5.212 min
Delta R.T.: -0.009 min
Response: 4349948
Conc: 847.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



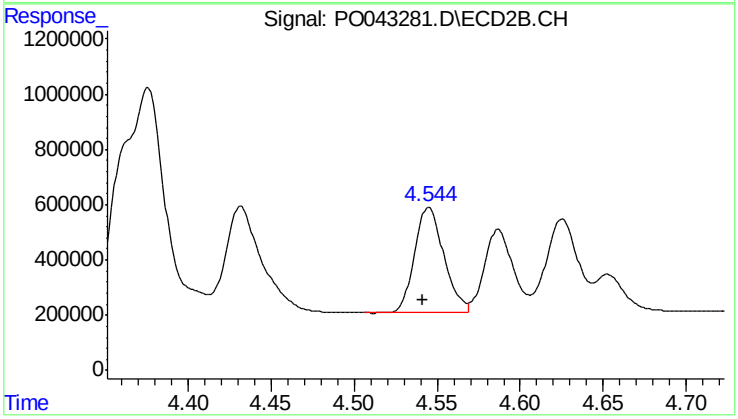
#13 AR-1232-3

R.T.: 4.432 min
Delta R.T.: 0.004 min
Response: 6002200
Conc: 1278.78 ng/ml



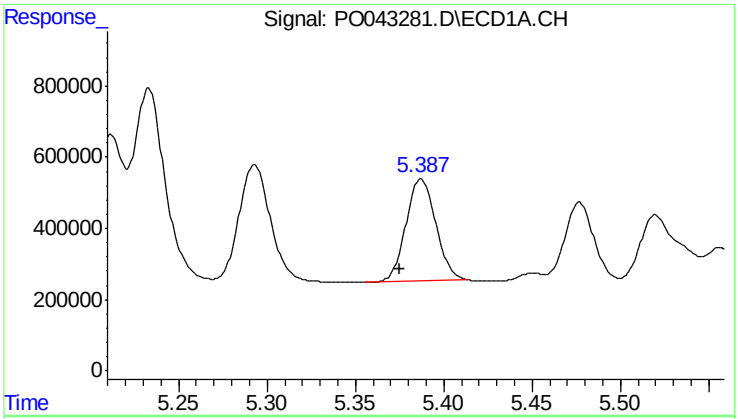
#14 AR-1232-4

R.T.: 5.293 min
Delta R.T.: 0.012 min
Response: 4138741
Conc: 1259.04 ng/ml



#14 AR-1232-4

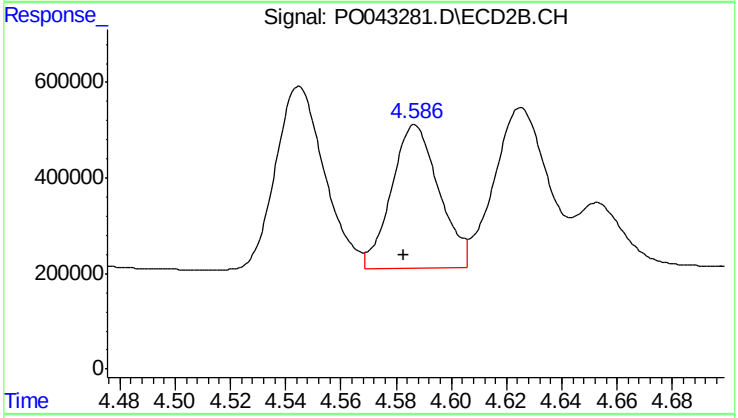
R.T.: 4.545 min
Delta R.T.: 0.004 min
Response: 4689001
Conc: 1338.14 ng/ml



#15 AR-1232-5

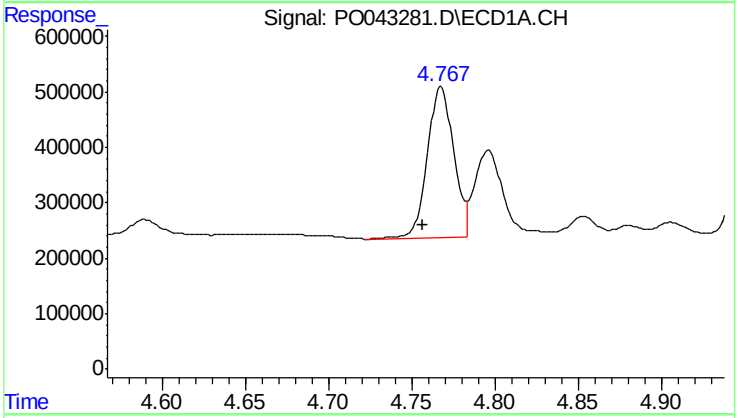
R.T.: 5.387 min
Delta R.T.: 0.012 min
Response: 3390192
Conc: 1383.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



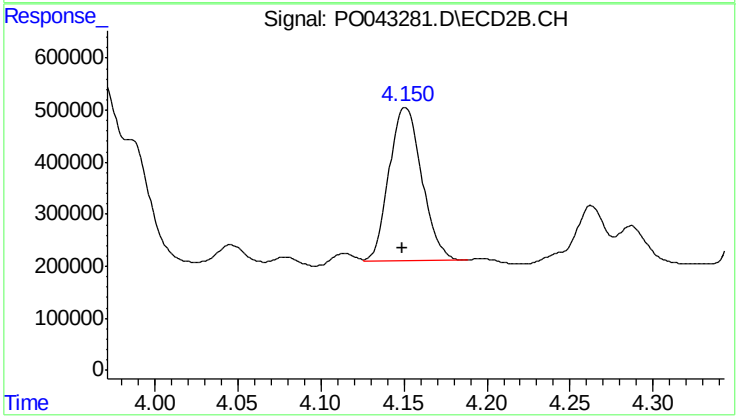
#15 AR-1232-5

R.T.: 4.587 min
Delta R.T.: 0.004 min
Response: 3596882
Conc: 1469.34 ng/ml



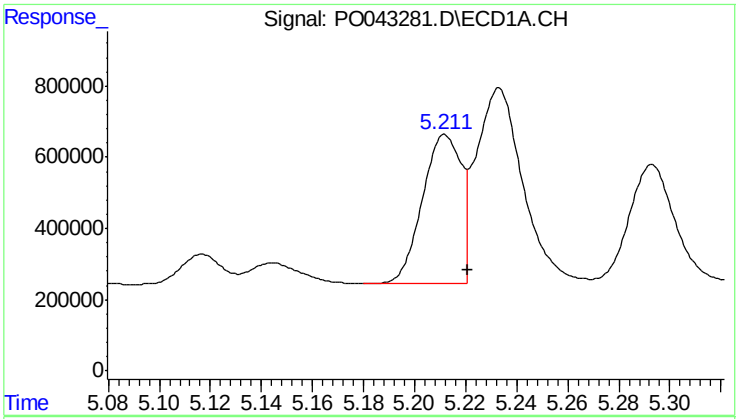
#16 AR-1242-1

R.T.: 4.768 min
Delta R.T.: 0.011 min
Response: 3015805
Conc: 856.54 ng/ml



#16 AR-1242-1

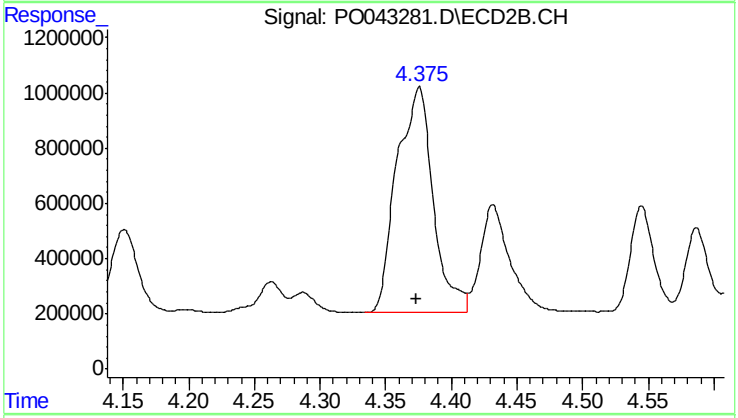
R.T.: 4.151 min
Delta R.T.: 0.002 min
Response: 4081203
Conc: 812.13 ng/ml



#17 AR-1242-2

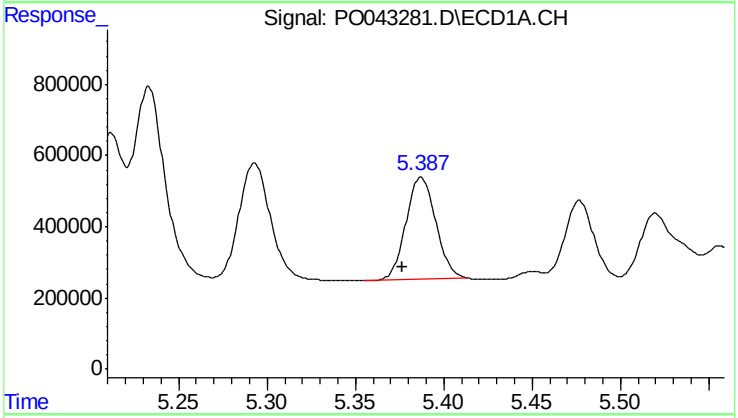
R.T.: 5.212 min
Delta R.T.: -0.009 min
Response: 4349948
Conc: 524.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



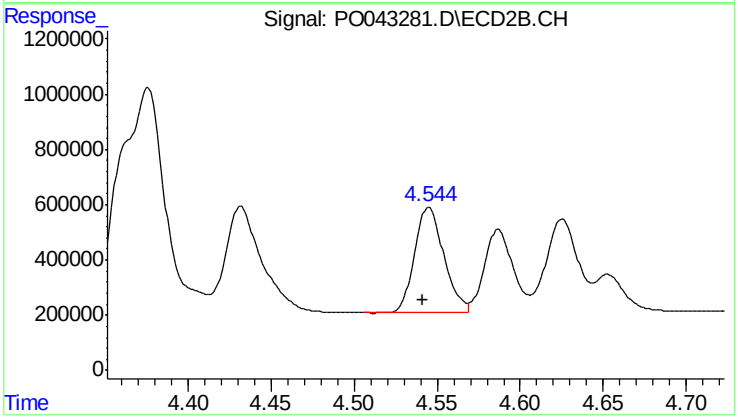
#17 AR-1242-2

R.T.: 4.376 min
Delta R.T.: 0.003 min
Response: 15692739
Conc: 838.43 ng/ml



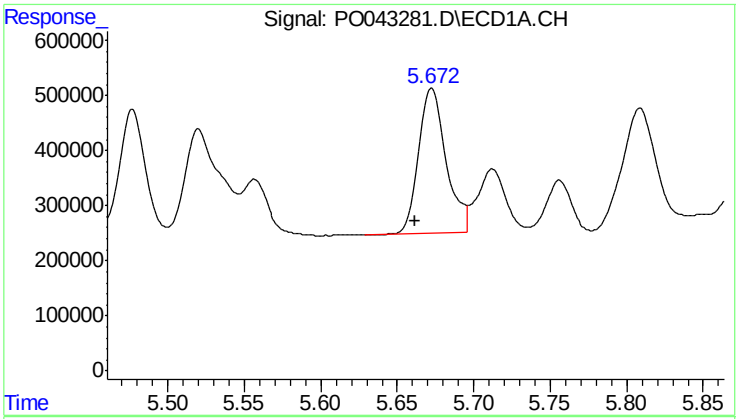
#18 AR-1242-3

R.T.: 5.387 min
Delta R.T.: 0.011 min
Response: 3390192
Conc: 783.49 ng/ml



#18 AR-1242-3

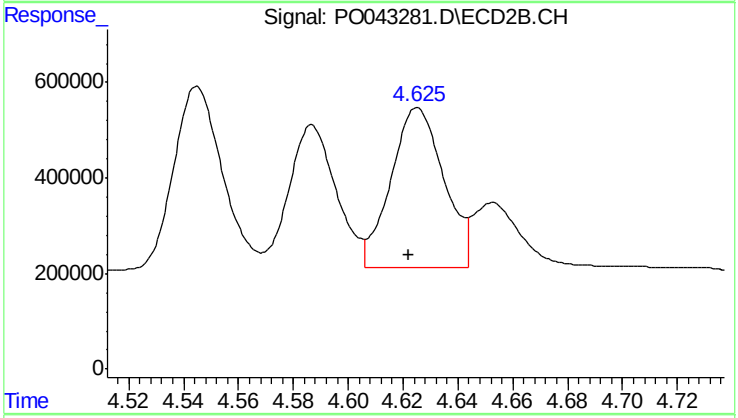
R.T.: 4.545 min
Delta R.T.: 0.003 min
Response: 4689001
Conc: 817.24 ng/ml



#19 AR-1242-4

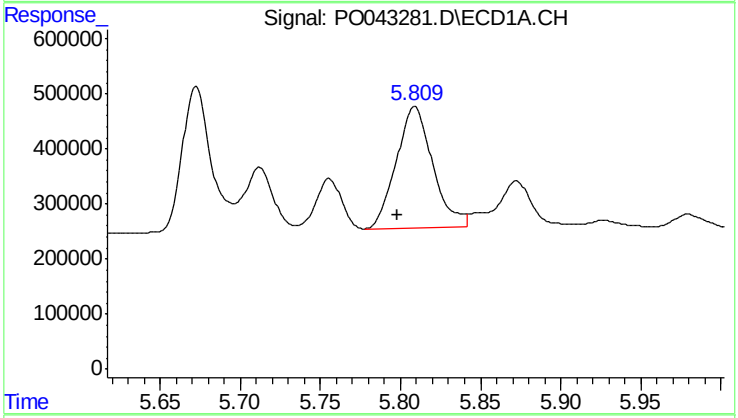
R.T.: 5.672 min
Delta R.T.: 0.011 min
Response: 3309256
Conc: 793.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



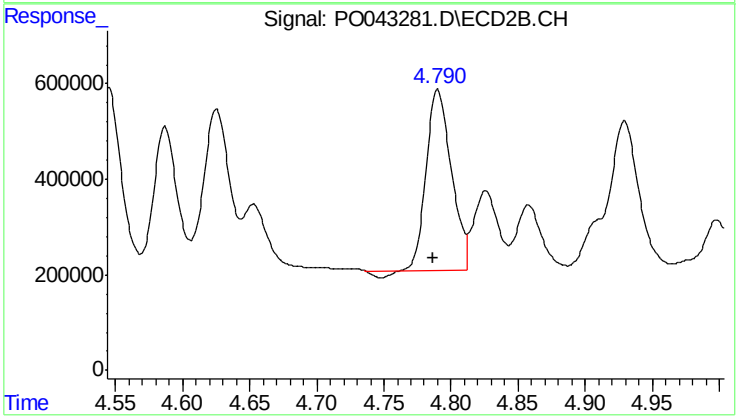
#19 AR-1242-4

R.T.: 4.625 min
Delta R.T.: 0.003 min
Response: 4499748
Conc: 787.57 ng/ml



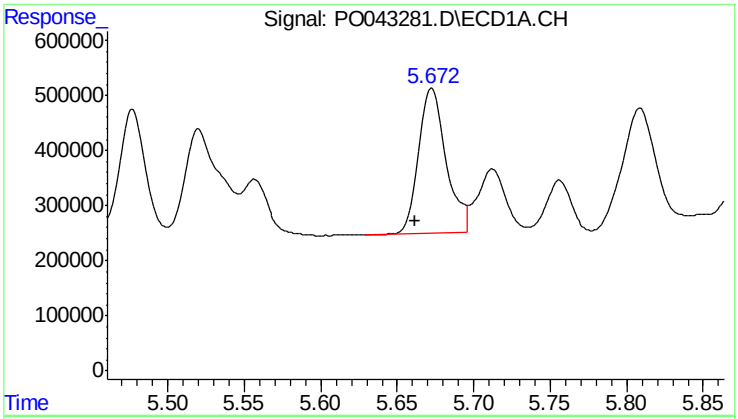
#20 AR-1242-5

R.T.: 5.809 min
Delta R.T.: 0.011 min
Response: 3496959
Conc: 740.08 ng/ml



#20 AR-1242-5

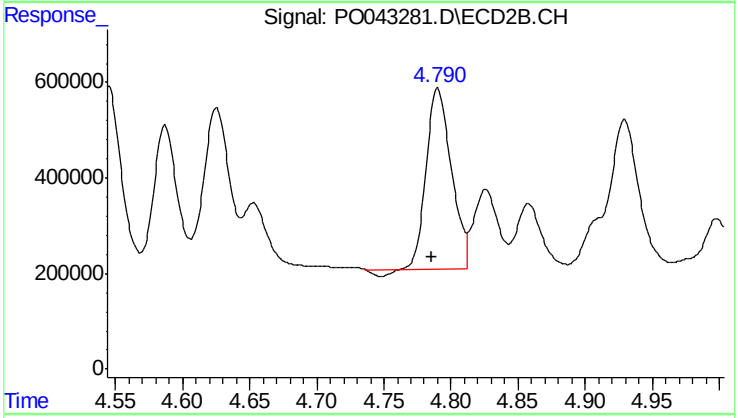
R.T.: 4.790 min
Delta R.T.: 0.004 min
Response: 4911817
Conc: 790.89 ng/ml



#21 AR-1248-1

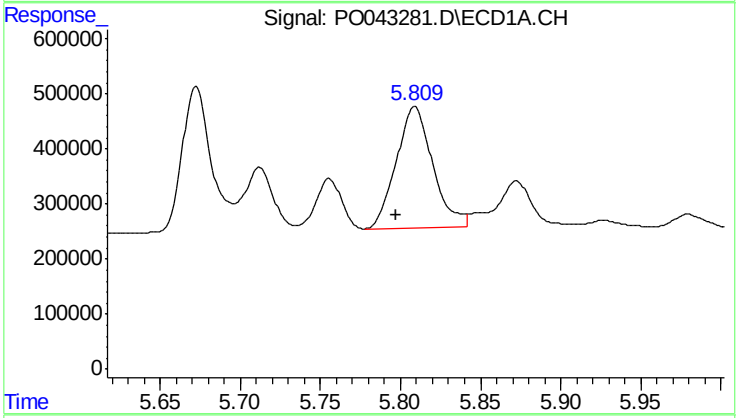
R.T.: 5.672 min
Delta R.T.: 0.011 min
Response: 3309256
Conc: 439.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



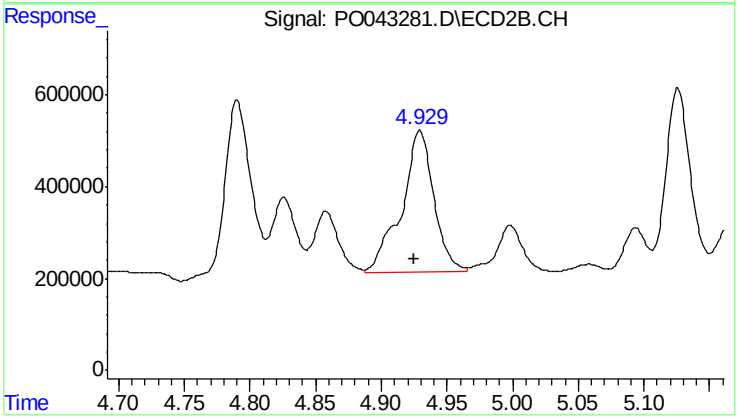
#21 AR-1248-1

R.T.: 4.790 min
Delta R.T.: 0.004 min
Response: 4911817
Conc: 433.72 ng/ml



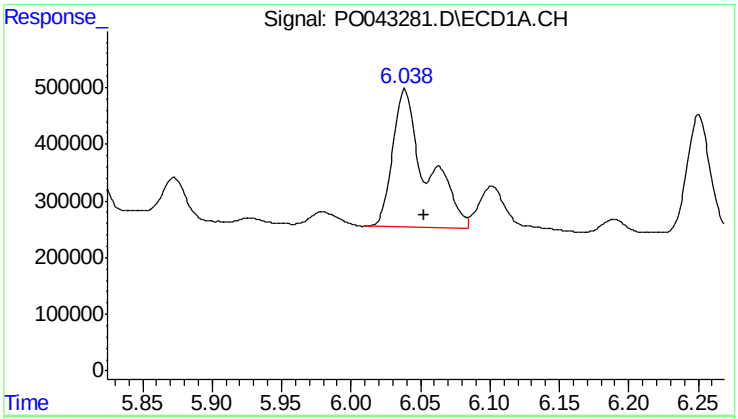
#22 AR-1248-2

R.T.: 5.809 min
Delta R.T.: 0.011 min
Response: 3496959
Conc: 524.85 ng/ml



#22 AR-1248-2

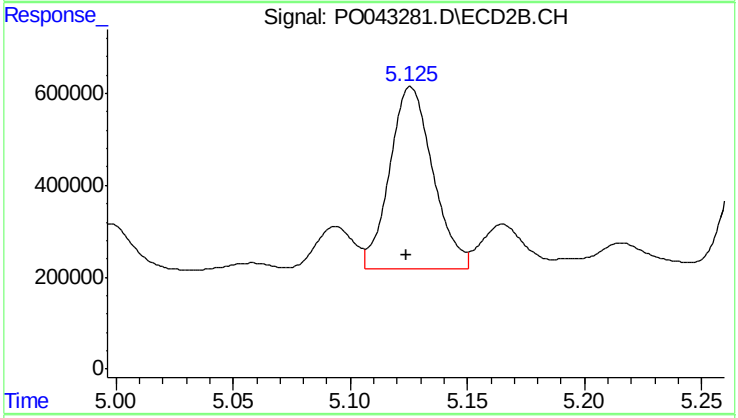
R.T.: 4.929 min
Delta R.T.: 0.004 min
Response: 5338151
Conc: 487.01 ng/ml



#23 AR-1248-3

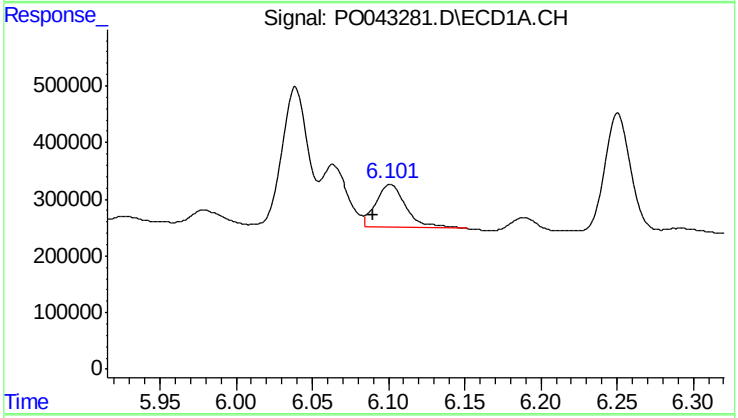
R.T.: 6.039 min
Delta R.T.: -0.014 min
Response: 4108491
Conc: 447.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



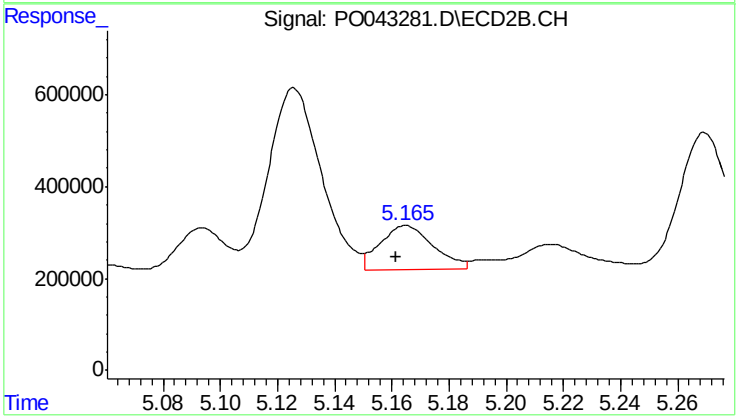
#23 AR-1248-3

R.T.: 5.126 min
Delta R.T.: 0.002 min
Response: 5073819
Conc: 290.78 ng/ml



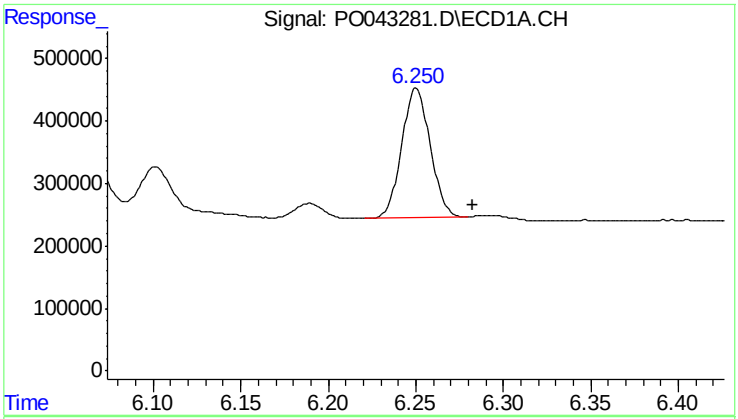
#24 AR-1248-4

R.T.: 6.101 min
Delta R.T.: 0.011 min
Response: 1033855
Conc: 111.93 ng/ml



#24 AR-1248-4

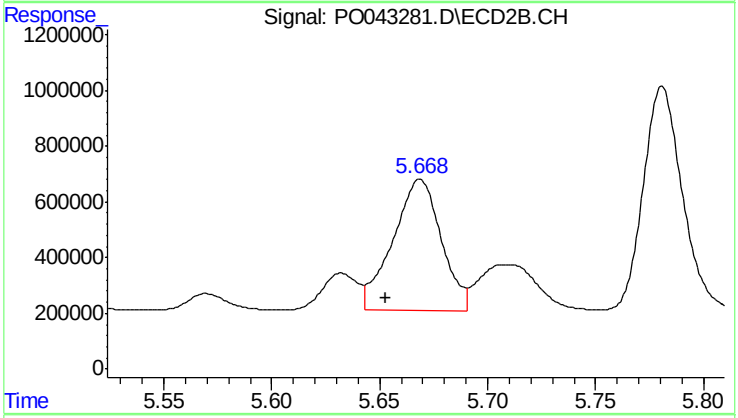
R.T.: 5.165 min
Delta R.T.: 0.004 min
Response: 1222728
Conc: 85.87 ng/ml



#25 AR-1248-5

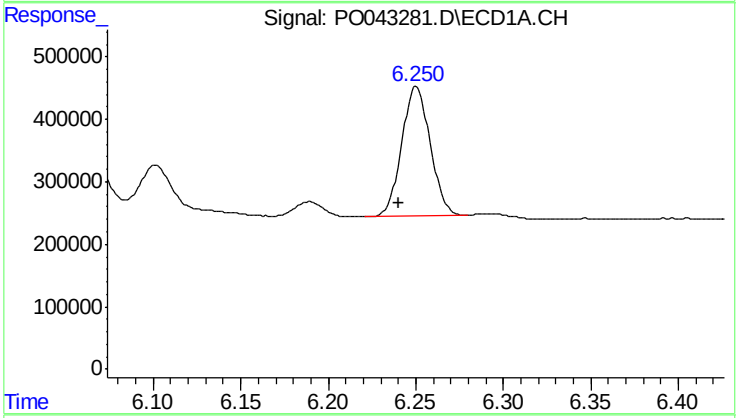
R.T.: 6.250 min
Delta R.T.: -0.032 min
Response: 2352960
Conc: 373.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



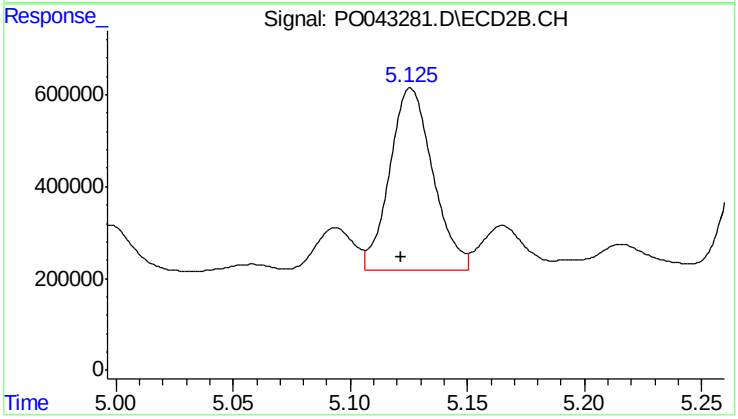
#25 AR-1248-5

R.T.: 5.669 min
Delta R.T.: 0.016 min
Response: 7364381
Conc: 902.33 ng/ml



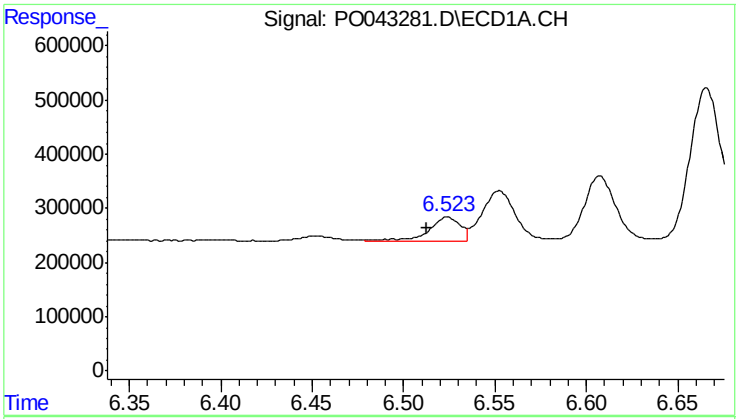
#26 AR-1254-1

R.T.: 6.250 min
Delta R.T.: 0.010 min
Response: 2352960
Conc: 147.78 ng/ml



#26 AR-1254-1

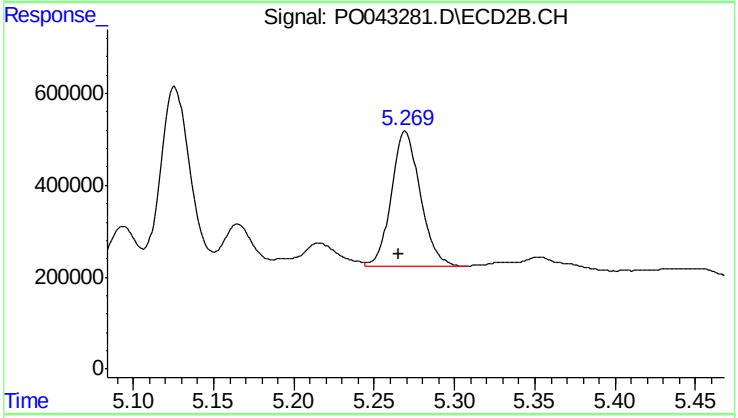
R.T.: 5.126 min
Delta R.T.: 0.004 min
Response: 5073819
Conc: 236.23 ng/ml



#27 AR-1254-2

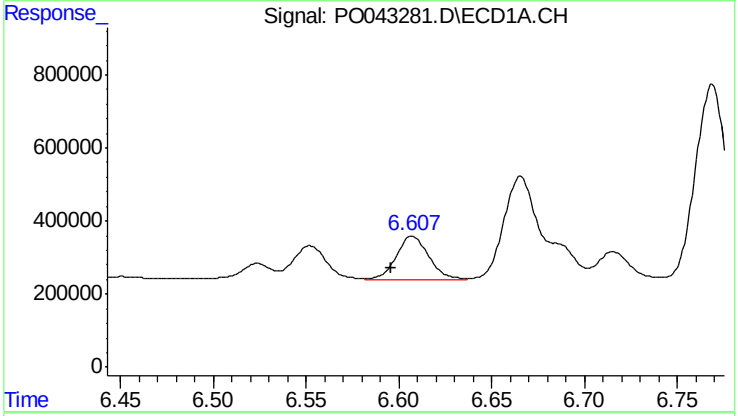
R.T.: 6.524 min
Delta R.T.: 0.011 min
Response: 528225
Conc: 51.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



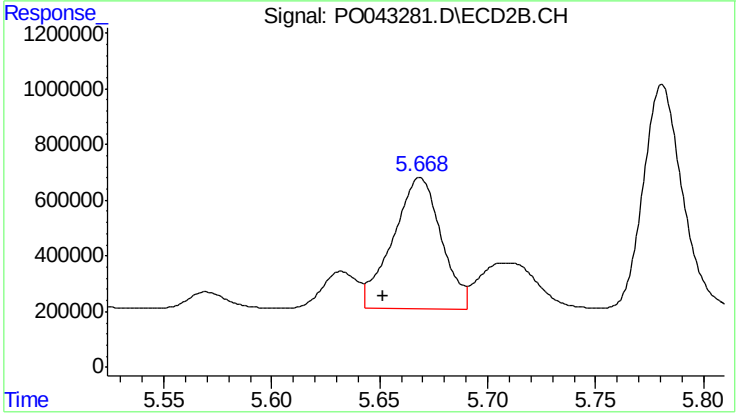
#27 AR-1254-2

R.T.: 5.269 min
Delta R.T.: 0.004 min
Response: 3705775
Conc: 192.33 ng/ml



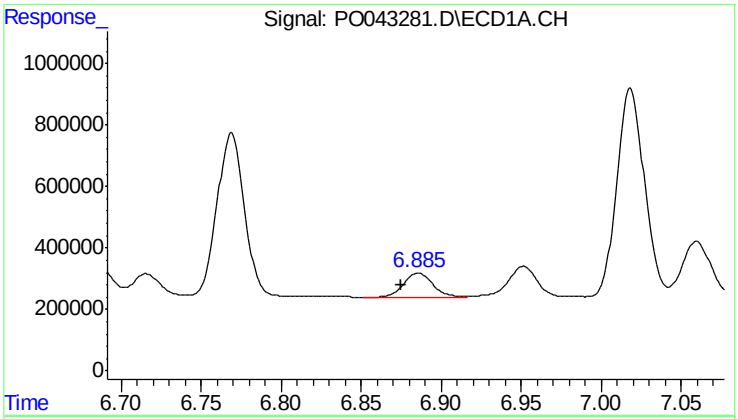
#28 AR-1254-3

R.T.: 6.608 min
Delta R.T.: 0.012 min
Response: 1474709
Conc: 81.79 ng/ml



#28 AR-1254-3

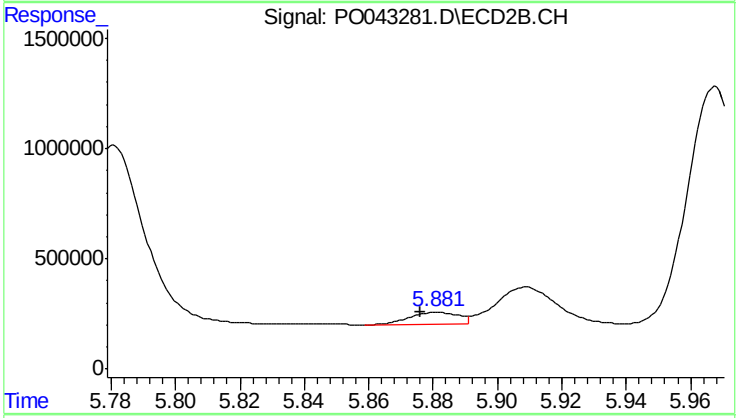
R.T.: 5.669 min
Delta R.T.: 0.017 min
Response: 7364381
Conc: 229.87 ng/ml



#29 AR-1254-4

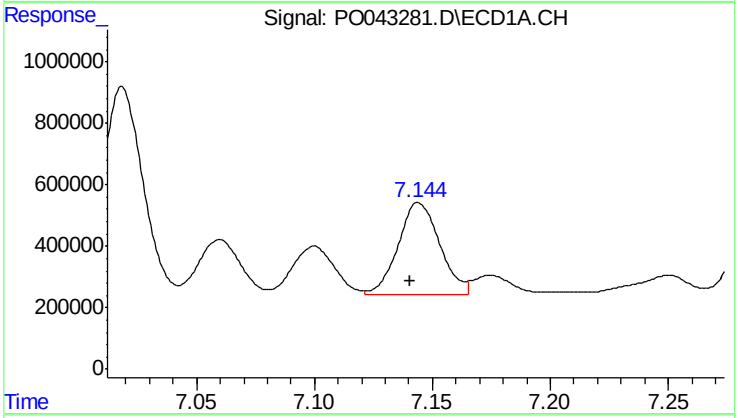
R.T.: 6.886 min
Delta R.T.: 0.011 min
Response: 1041147
Conc: 69.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



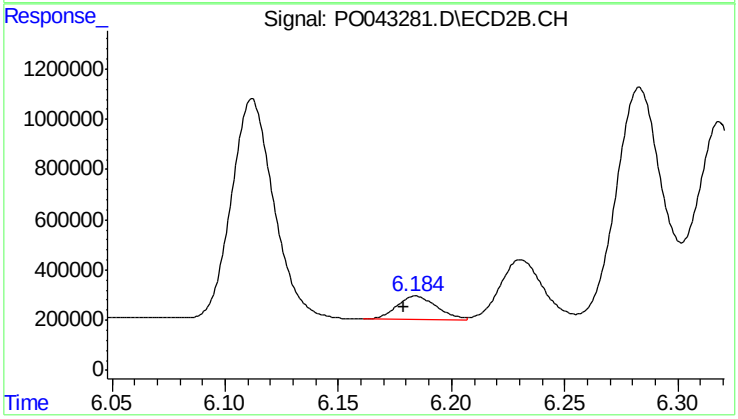
#29 AR-1254-4

R.T.: 5.881 min
Delta R.T.: 0.005 min
Response: 586828
Conc: 22.14 ng/ml



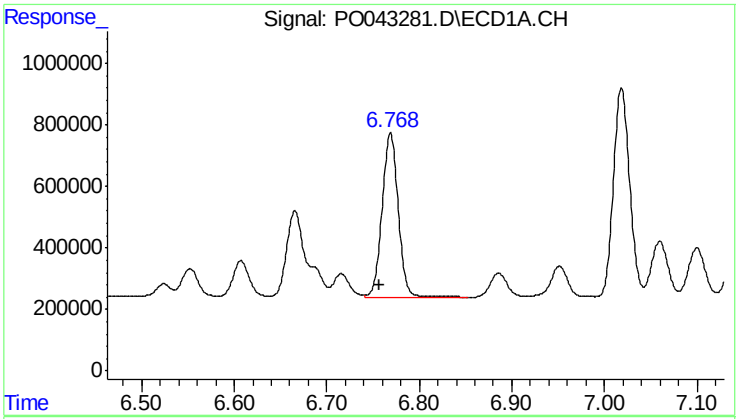
#30 AR-1254-5

R.T.: 7.145 min
Delta R.T.: 0.004 min
Response: 3669611
Conc: 336.84 ng/ml



#30 AR-1254-5

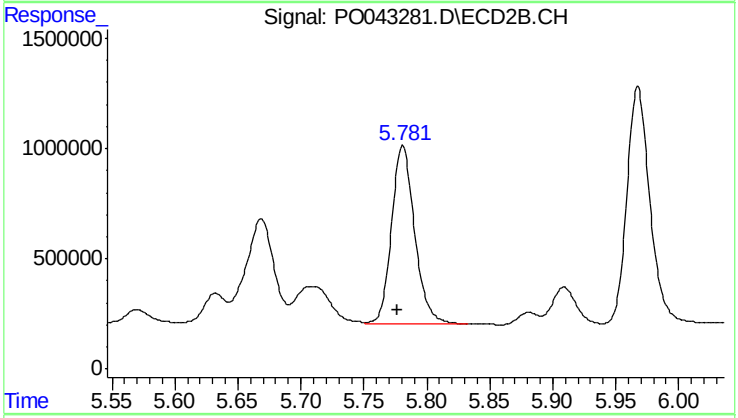
R.T.: 6.184 min
Delta R.T.: 0.005 min
Response: 1192946
Conc: 80.45 ng/ml



#31 AR-1260-1

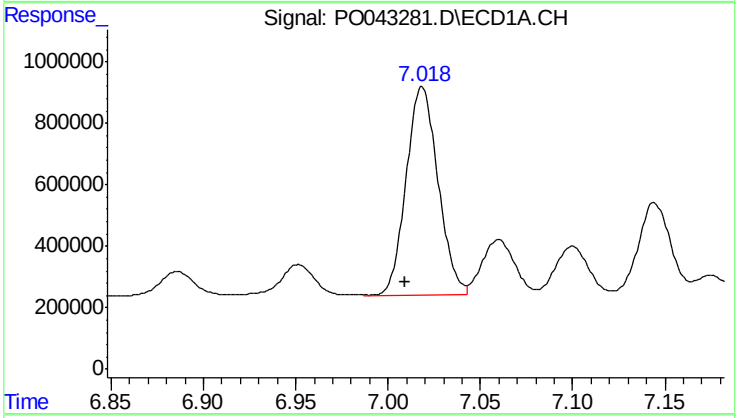
R.T.: 6.769 min
Delta R.T.: 0.011 min
Response: 6611213
Conc: 470.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



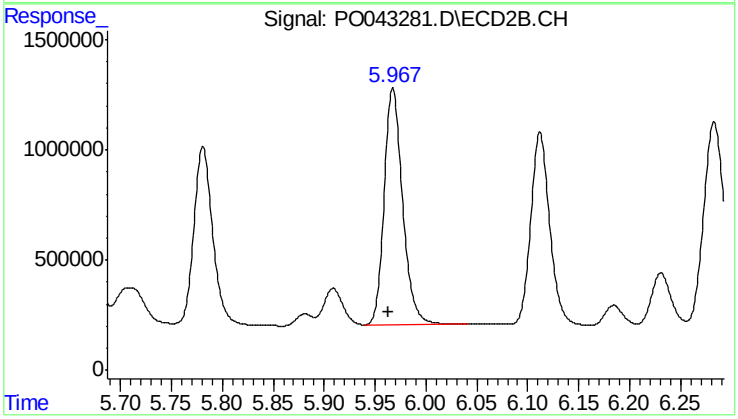
#31 AR-1260-1

R.T.: 5.781 min
Delta R.T.: 0.004 min
Response: 10291646
Conc: 459.28 ng/ml



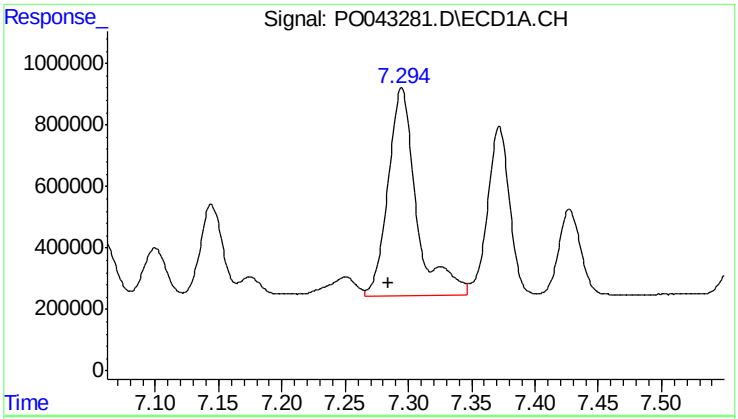
#32 AR-1260-2

R.T.: 7.019 min
Delta R.T.: 0.010 min
Response: 8178998
Conc: 450.42 ng/ml



#32 AR-1260-2

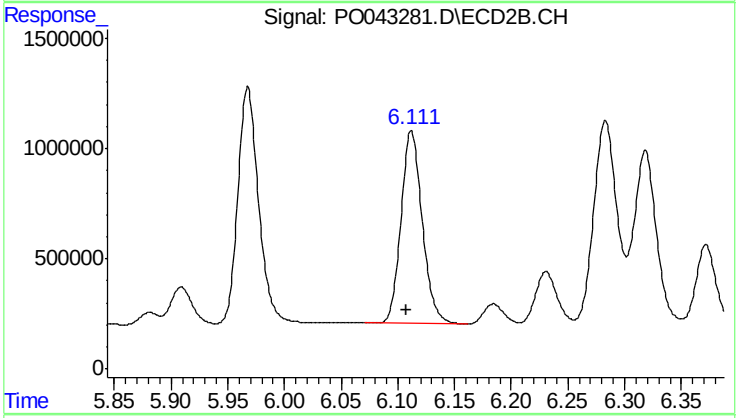
R.T.: 5.968 min
Delta R.T.: 0.005 min
Response: 13692457
Conc: 423.66 ng/ml



#33 AR-1260-3

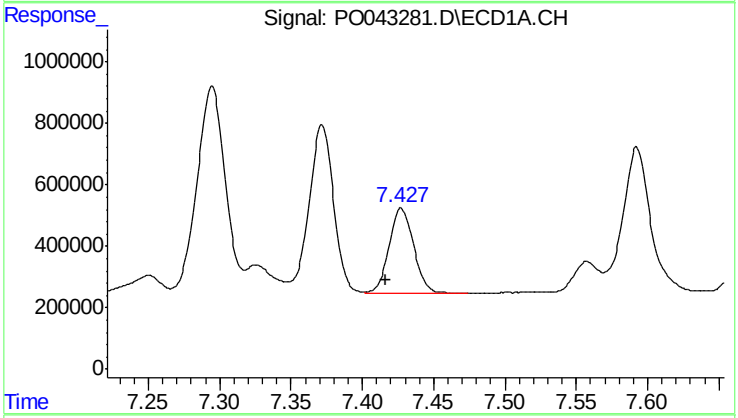
R.T.: 7.295 min
Delta R.T.: 0.010 min
Response: 10569225
Conc: 520.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



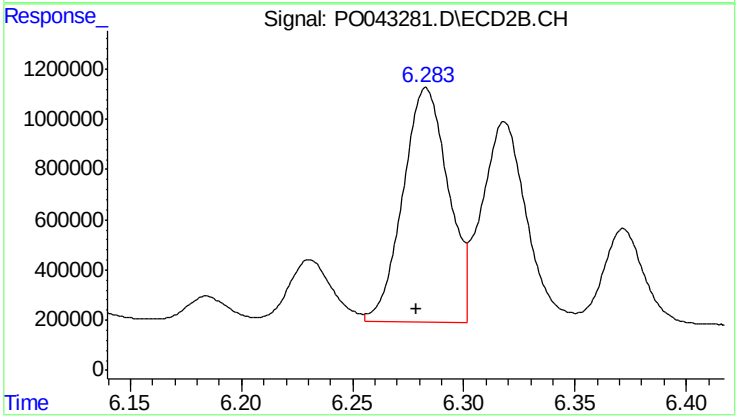
#33 AR-1260-3

R.T.: 6.112 min
Delta R.T.: 0.005 min
Response: 11393898
Conc: 434.18 ng/ml



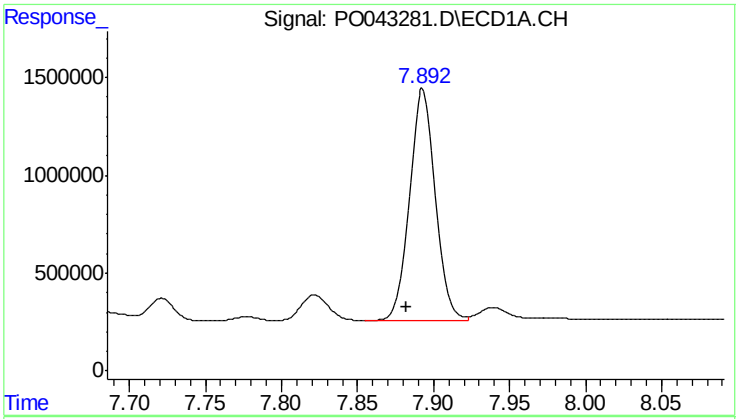
#34 AR-1260-4

R.T.: 7.427 min
Delta R.T.: 0.011 min
Response: 3314778
Conc: 452.15 ng/ml



#34 AR-1260-4

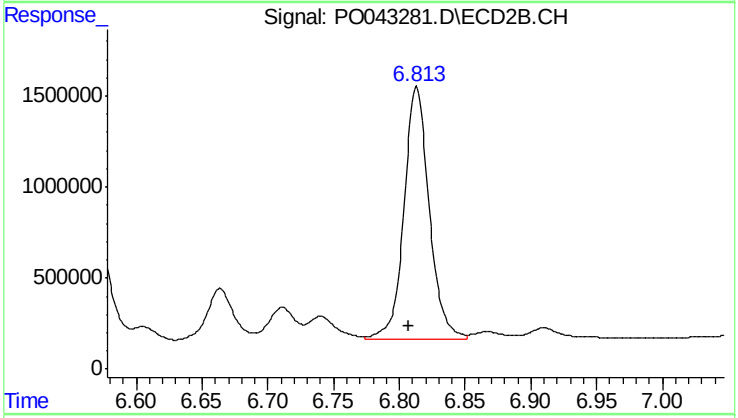
R.T.: 6.283 min
Delta R.T.: 0.005 min
Response: 13293612
Conc: 433.25 ng/ml



#35 AR-1260-5

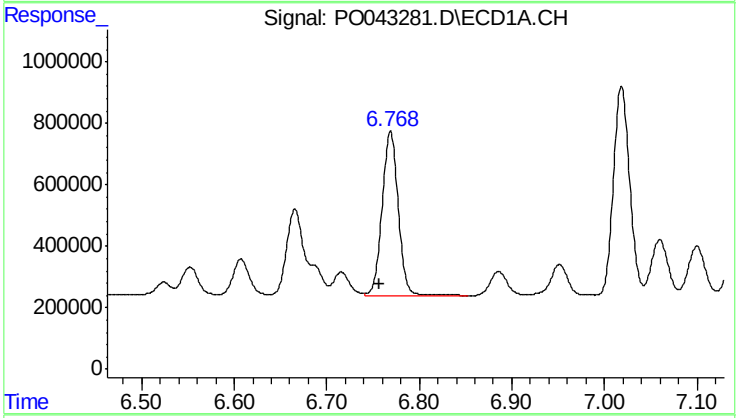
R.T.: 7.893 min
Delta R.T.: 0.011 min
Response: 14327091
Conc: 470.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



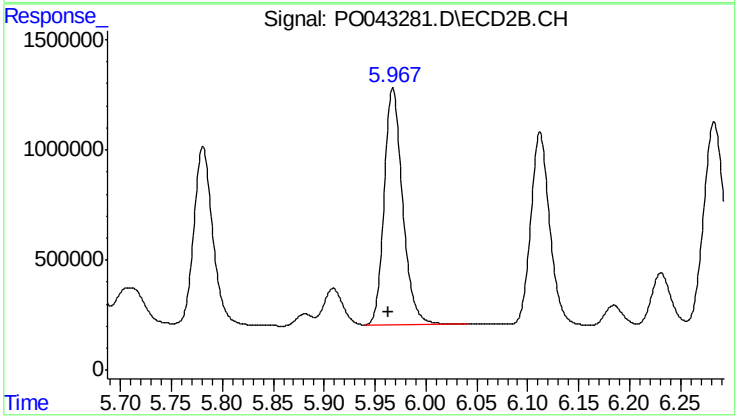
#35 AR-1260-5

R.T.: 6.813 min
Delta R.T.: 0.006 min
Response: 18531790
Conc: 318.36 ng/ml



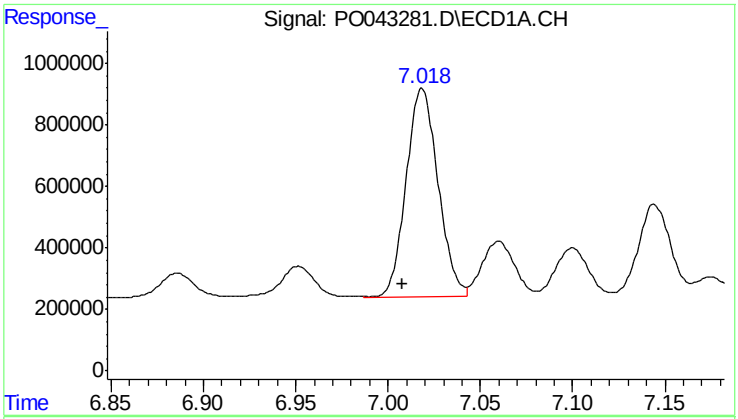
#36 AR-1262-1

R.T.: 6.769 min
Delta R.T.: 0.012 min
Response: 6611213
Conc: 621.99 ng/ml



#36 AR-1262-1

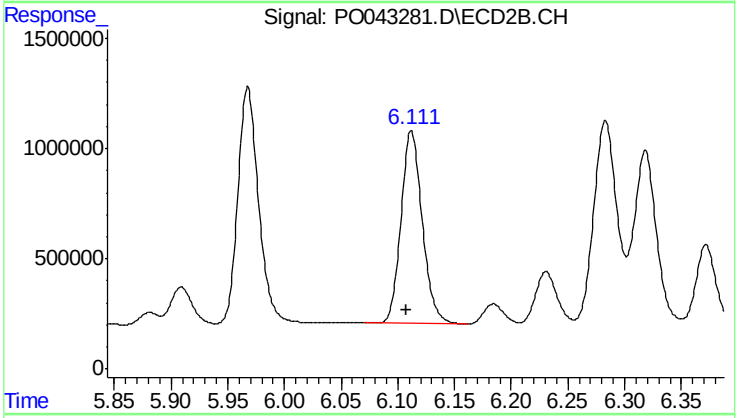
R.T.: 5.968 min
Delta R.T.: 0.005 min
Response: 13692457
Conc: 596.44 ng/ml



#37 AR-1262-2

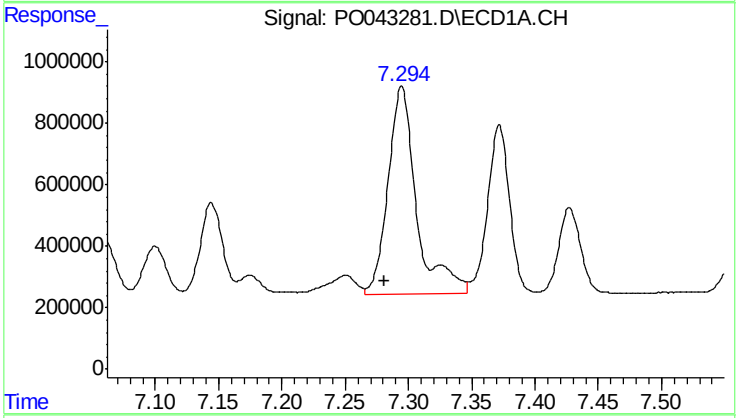
R.T.: 7.019 min
Delta R.T.: 0.011 min
Response: 8178998
Conc: 607.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



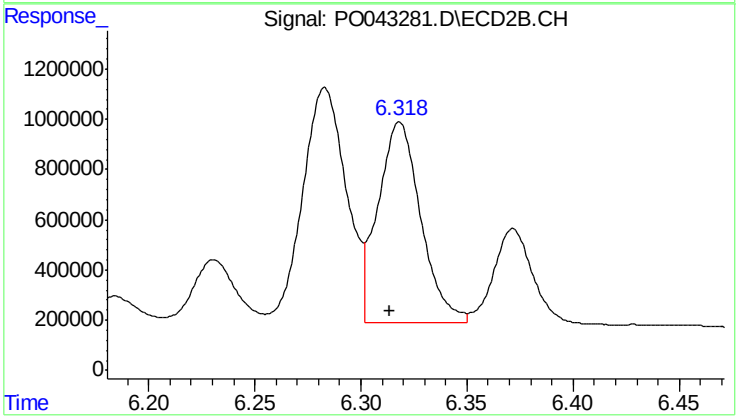
#37 AR-1262-2

R.T.: 6.112 min
Delta R.T.: 0.005 min
Response: 11393898
Conc: 544.94 ng/ml



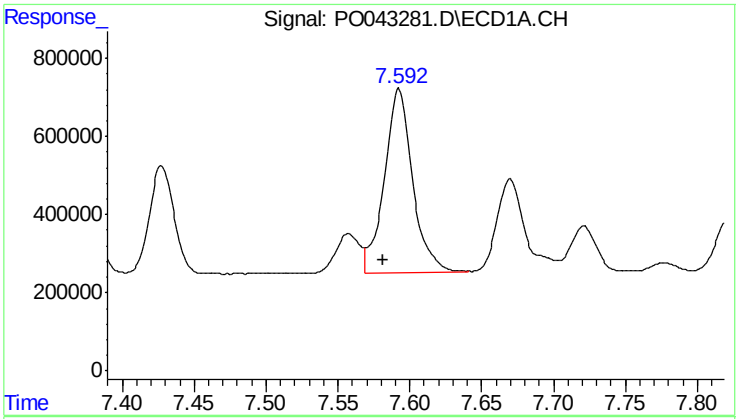
#38 AR-1262-3

R.T.: 7.295 min
Delta R.T.: 0.014 min
Response: 10569225
Conc: 847.28 ng/ml



#38 AR-1262-3

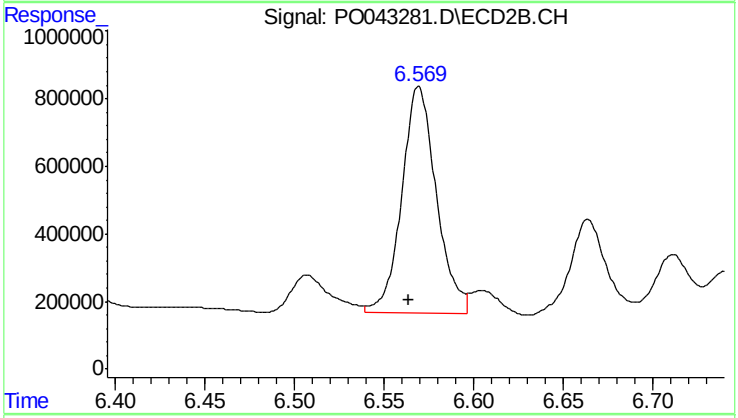
R.T.: 6.318 min
Delta R.T.: 0.005 min
Response: 11280884
Conc: 303.35 ng/ml



#39 AR-1262-4

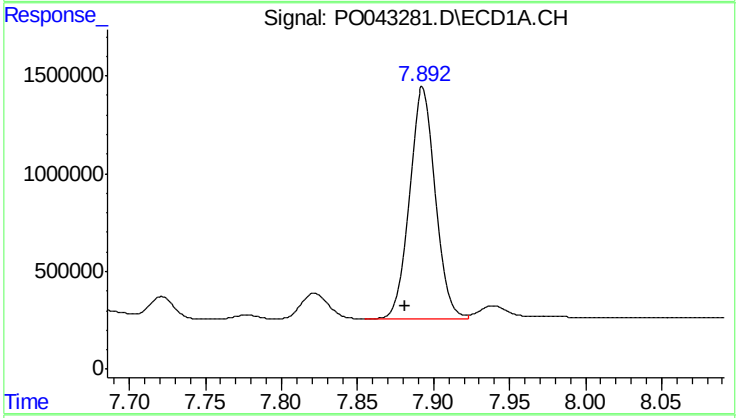
R.T.: 7.592 min
Delta R.T.: 0.011 min
Response: 6463933
Conc: 386.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



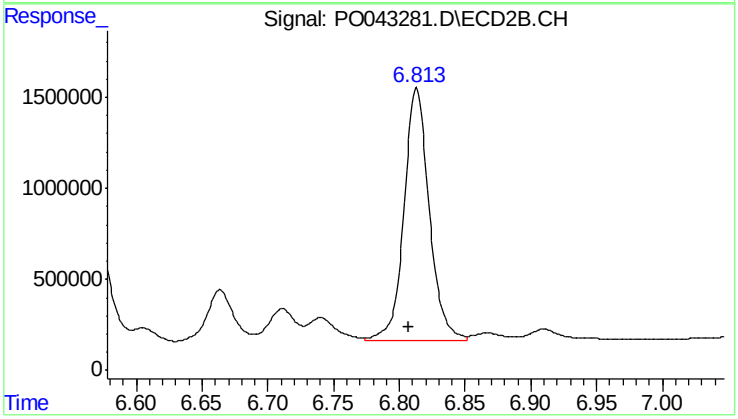
#39 AR-1262-4

R.T.: 6.569 min
Delta R.T.: 0.006 min
Response: 9055678
Conc: 313.11 ng/ml



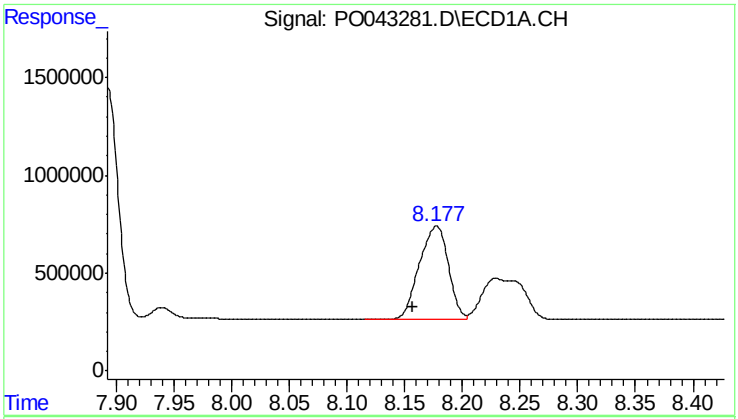
#40 AR-1262-5

R.T.: 7.893 min
Delta R.T.: 0.012 min
Response: 14327091
Conc: 421.05 ng/ml



#40 AR-1262-5

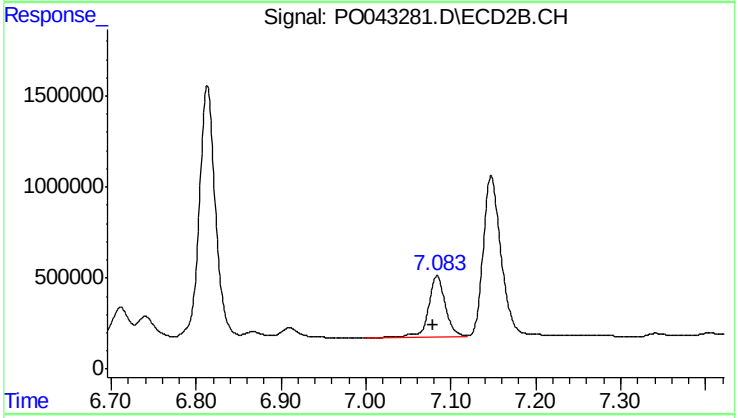
R.T.: 6.813 min
Delta R.T.: 0.006 min
Response: 18531790
Conc: 290.74 ng/ml



#41 AR-1268-1

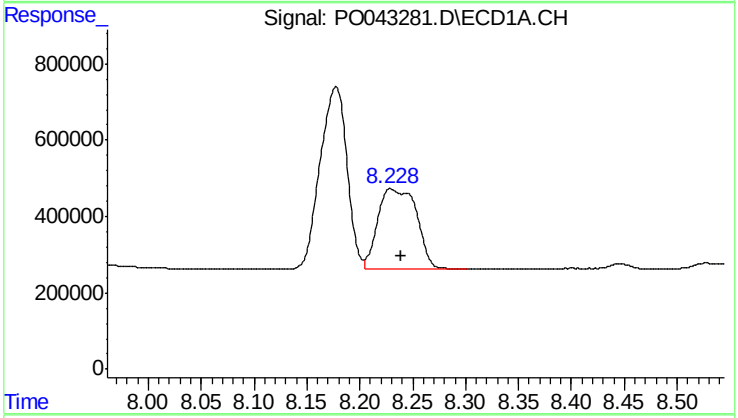
R.T.: 8.177 min
Delta R.T.: 0.020 min
Response: 8409803
Conc: 162.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



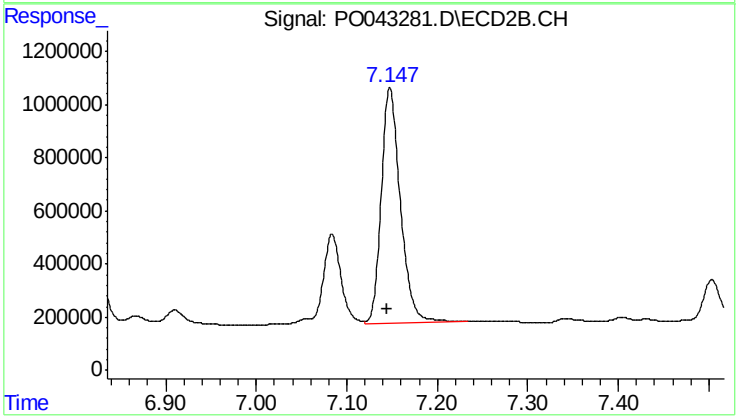
#41 AR-1268-1

R.T.: 7.084 min
Delta R.T.: 0.005 min
Response: 4746865
Conc: 49.31 ng/ml



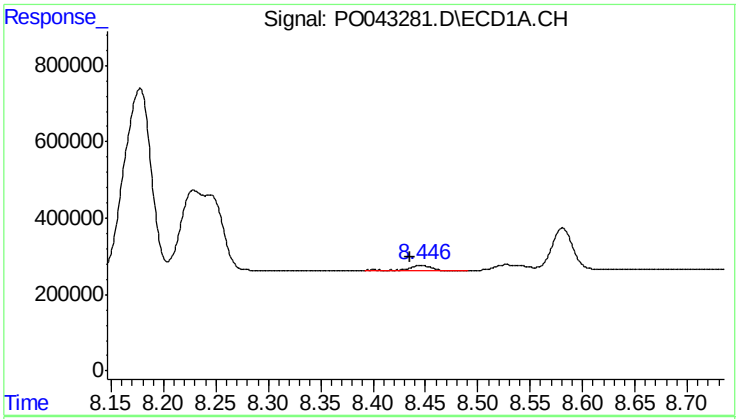
#42 AR-1268-2

R.T.: 8.230 min
Delta R.T.: -0.009 min
Response: 5312328
Conc: 114.51 ng/ml



#42 AR-1268-2

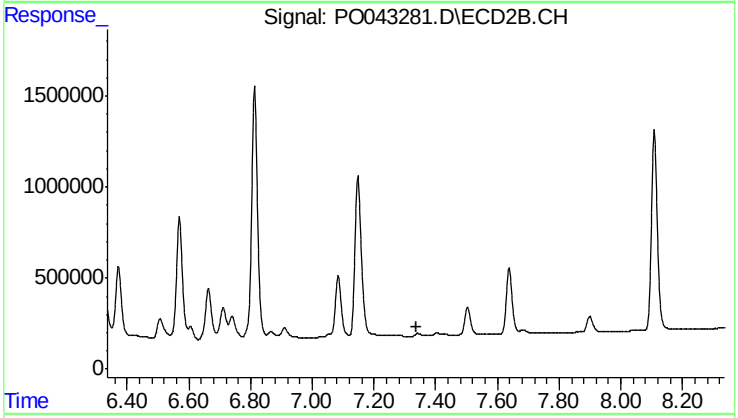
R.T.: 7.147 min
Delta R.T.: 0.003 min
Response: 12994144
Conc: 149.30 ng/ml



#43 AR-1268-3

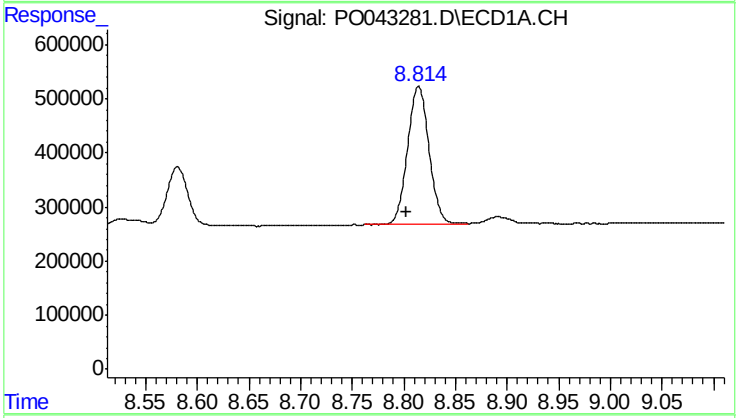
R.T.: 8.446 min
Delta R.T.: 0.011 min
Response: 151352
Conc: 3.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



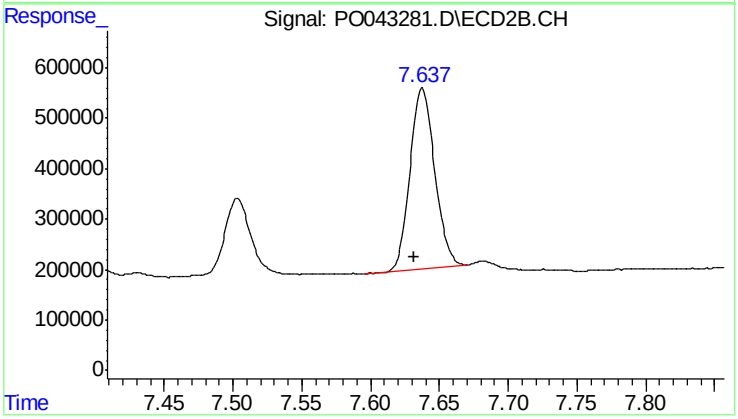
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.336 min
Response: 0
Conc: N.D.



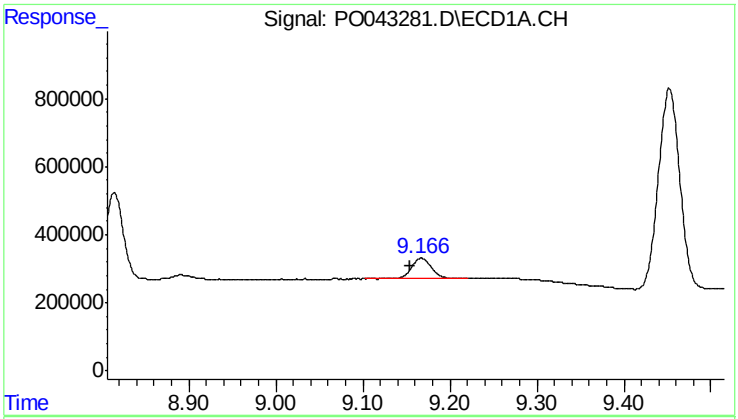
#44 AR-1268-4

R.T.: 8.814 min
Delta R.T.: 0.012 min
Response: 3732881
Conc: 220.53 ng/ml



#44 AR-1268-4

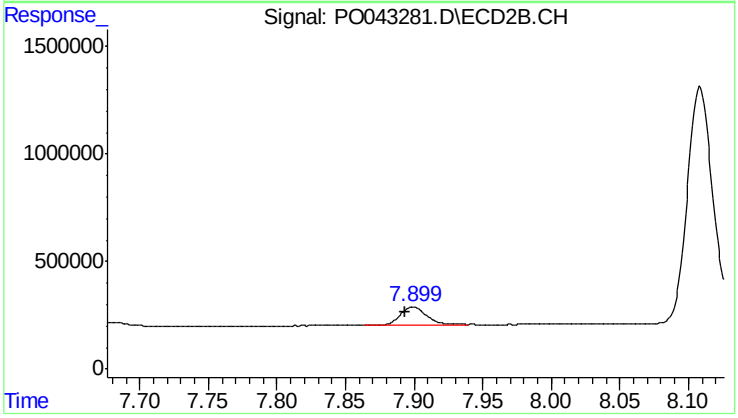
R.T.: 7.638 min
Delta R.T.: 0.006 min
Response: 4451414
Conc: 150.90 ng/ml



#45 AR-1268-5

R.T.: 9.167 min
Delta R.T.: 0.013 min
Response: 934704
Conc: 8.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 7.899 min
Delta R.T.: 0.005 min
Response: 1101510
Conc: 5.68 ng/ml