Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121918\
Data File : PO052767.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Dec 2018 21:19
Operator : SM/SJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 20 01:49:13 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO121518.M
Quant Title : GC EXTRACTABLES
QLast Update : Sun Dec 16 03:01:24 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...	4.247	3.272	48844863	11931139	62.286	56.304	
2)	SA Decachlor...	9.792	7.953	13115994	10135801	26.031	45.941	#
	Target Compounds							
3)	L1 AR-1016-1	5.424	4.284	19066469	6385977	931.635	998.886	
4)	L1 AR-1016-2	5.424	4.284	19066469	6385977	610.464	520.712	
5)	L1 AR-1016-3	5.485	4.446	11350385	2952289	599.555	534.322	
6)	L1 AR-1016-4	5.583	4.488	4852449	2457473	322.961	508.297	#
7)	L1 AR-1016-5	5.872	4.685	9437612	3874981	631.482	602.003	
8)	L2 AR-1221-1	4.453	3.468	1180168	313975	160.381	141.912	
9)	L2 AR-1221-2	4.543	3.547	1930043	515979	353.608	305.665	
10)	L2 AR-1221-3	4.618	3.616	6969732	1914340	392.694	354.320	
11)	L3 AR-1232-1	4.618	3.616	6969732	1914340	491.324	437.582	
12)	L3 AR-1232-2	5.138	4.284	9729611	6385977	1313.484	1122.359	
13)	L3 AR-1232-3	5.424	4.446	19066469	2952289	1245.716	1160.484	
14)	L3 AR-1232-4	5.583	4.525	4852449	2895356	706.212	1258.892	#
15)	L3 AR-1232-5	5.670	4.685	6345584	3874981	1375.462	1453.698	
16)	L4 AR-1242-1	5.424	4.284	19066469	6385977	1047.971	1170.771	
17)	L4 AR-1242-2	5.424	4.284	19066469	6385977	689.064	601.759	
18)	L4 AR-1242-3	5.485	4.446	11350385	2952289	685.461	613.213	
19)	L4 AR-1242-4	5.583	4.525	4852449	2895356	370.156	591.332	#
20)	L4 AR-1242-5	6.311	5.012	4220975	5145113	299.657	860.146	#
21)	L5 AR-1248-1	5.424	4.284	19066469	6385977	1377.852	1440.781	
22)	L5 AR-1248-2	5.670	4.488	6345584	2457473	333.078	354.496	
23)	L5 AR-1248-3	5.872	4.525	9437612	2895356	436.732	416.886	
24)	L5 AR-1248-4	6.272	4.685	4745947	3874981	208.110	452.718	#
25)	L5 AR-1248-5	6.311	5.050	4220975	1427509	193.305	172.101	
26)	L6 AR-1254-1	6.245	5.012	14724827	5145113	589.370	373.203	#
27)	L6 AR-1254-2	6.459	5.153	7798216	3479973	201.361	283.840	#
28)	L6 AR-1254-3	6.825	5.544	5921132	6584663	150.286	341.724	#
29)	L6 AR-1254-4	7.108	5.752	9139394	1206195	332.852	108.067	#
30)	L6 AR-1254-5	7.523	6.147	21347405	8107206	733.510	486.458	#
31)	L7 AR-1260-1	6.984	5.653	19517719	8473381	668.105	617.869	
32)	L7 AR-1260-2	7.239	5.837	20451041	8162602	584.683	491.208	
33)	L7 AR-1260-3	7.594	5.978	12109139	6760827	520.284	442.194	
34)	L7 AR-1260-4	7.819	6.429	12268816	4485825	492.785	445.811	
35)	L7 AR-1260-5	8.127	6.670	22853092	10210052	466.121	430.746	
36)	L8 AR-1262-1	7.594	6.183	12109139	5542506	307.542	304.831	
37)	L8 AR-1262-2	8.127	6.670	22853092	10210052	369.624	357.604	
38)	L8 AR-1262-3	8.437	6.939	13224456	1935067	318.701	162.730	#
39)	L8 AR-1262-4	8.485	7.000	8724859	7498186	254.716	349.110	#
40)	L8 AR-1262-5	9.115	7.486	5037243	1963318	244.498	223.233	
41)	L9 AR-1268-1	8.437	6.939	13224456	1935067	146.570	49.836	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121918\
Data File : PO052767.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Dec 2018 21:19
Operator : SM/SJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 20 01:49:13 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO121518.M
Quant Title : GC EXTRACTABLES
QLast Update : Sun Dec 16 03:01:24 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
42) L9	AR-1268-2	8.485	7.000	8724859	7498186	102.023	203.181 #
44) L9	AR-1268-4	9.115	7.486	5037243	1963318	190.855	171.368
45) L9	AR-1268-5	9.491	7.746	1339274	592082	6.194	6.626

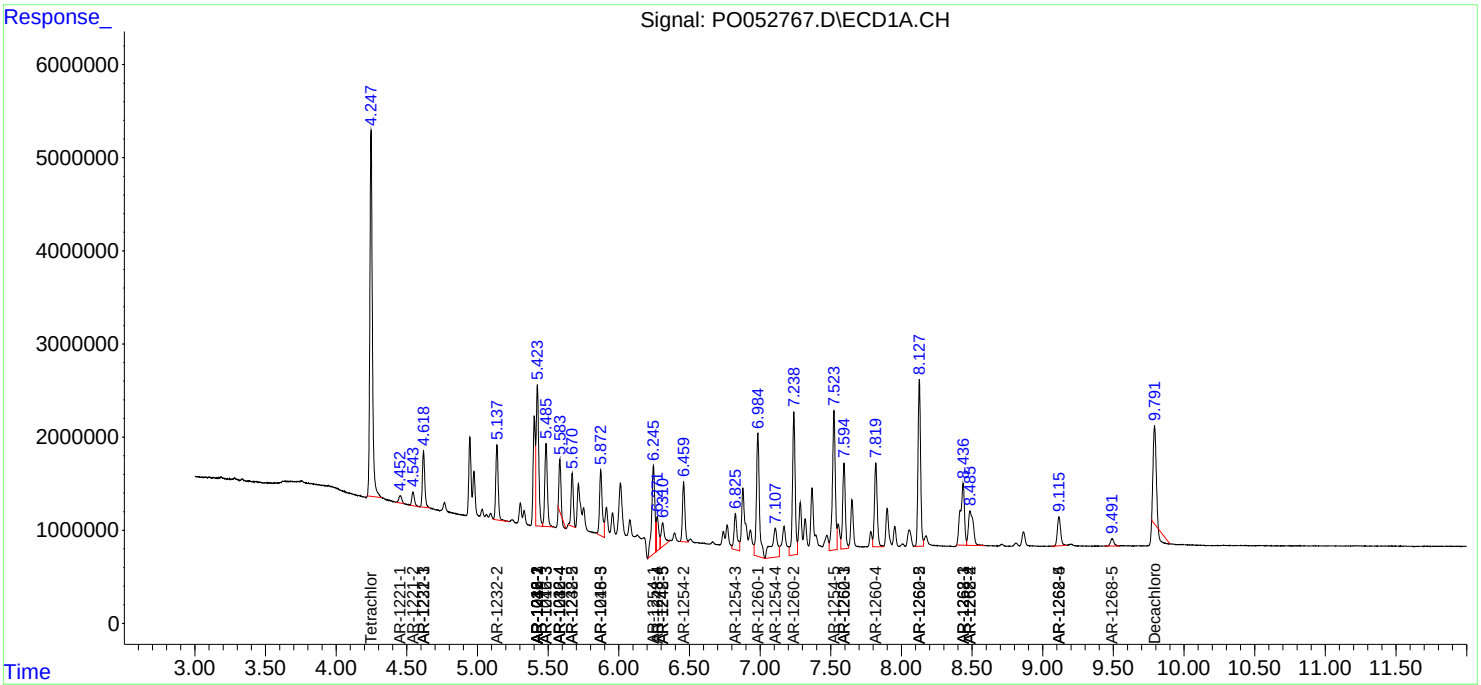
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

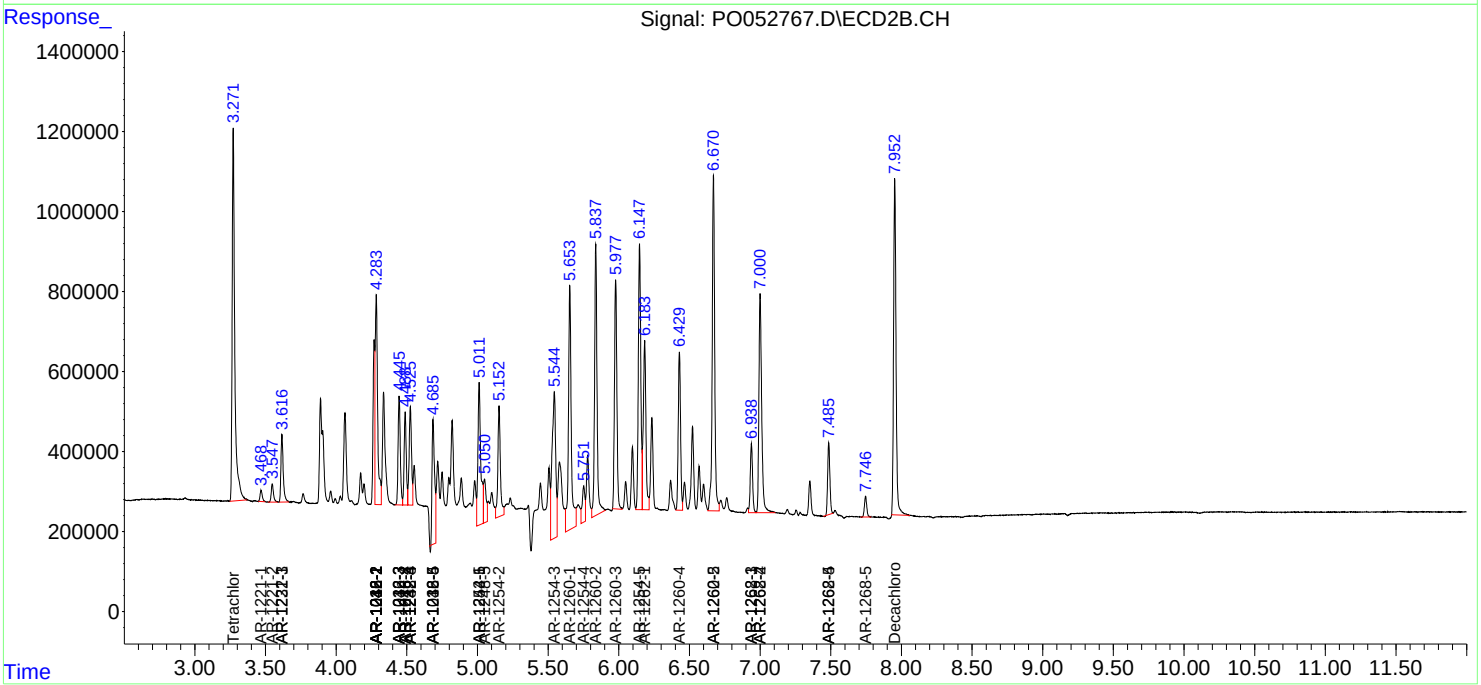
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121918\
Data File : PO052767.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Dec 2018 21:19
Operator : SM/SJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

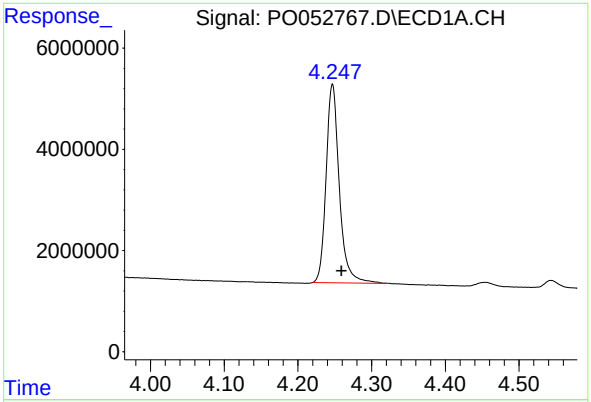
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 20 01:49:13 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO121518.M
Quant Title : GC EXTRACTABLES
QLast Update : Sun Dec 16 03:01:24 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



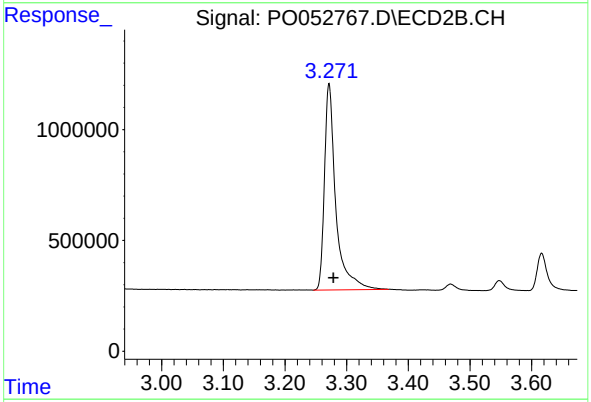




#1 Tetrachloro-m-xylene

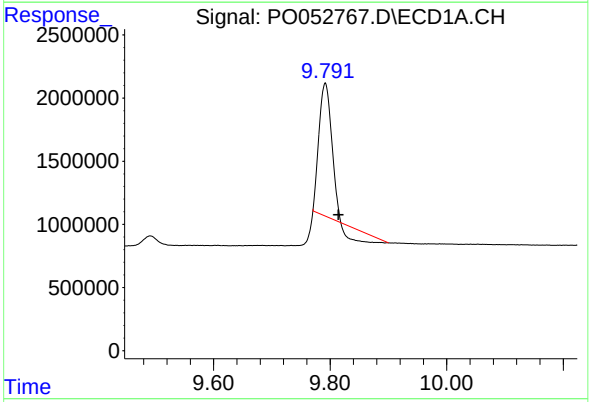
R.T.: 4.247 min
Delta R.T.: -0.012 min
Response: 48844863
Conc: 62.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



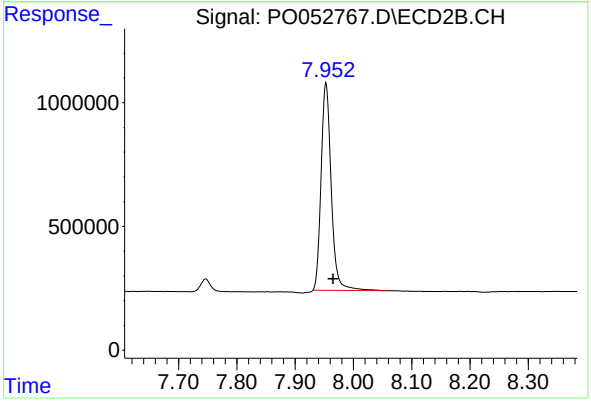
#1 Tetrachloro-m-xylene

R.T.: 3.272 min
Delta R.T.: -0.007 min
Response: 11931139
Conc: 56.30 ng/ml



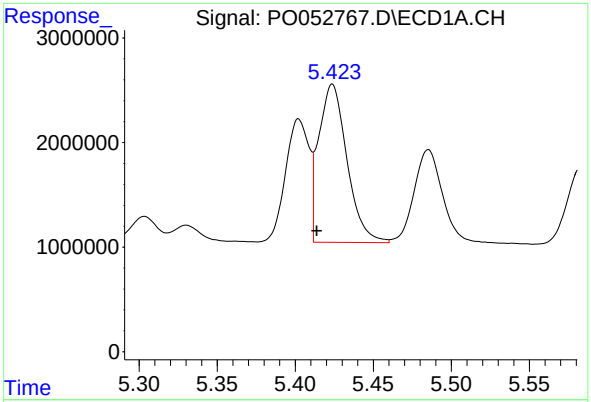
#2 Decachlorobiphenyl

R.T.: 9.792 min
Delta R.T.: -0.023 min
Response: 13115994
Conc: 26.03 ng/ml



#2 Decachlorobiphenyl

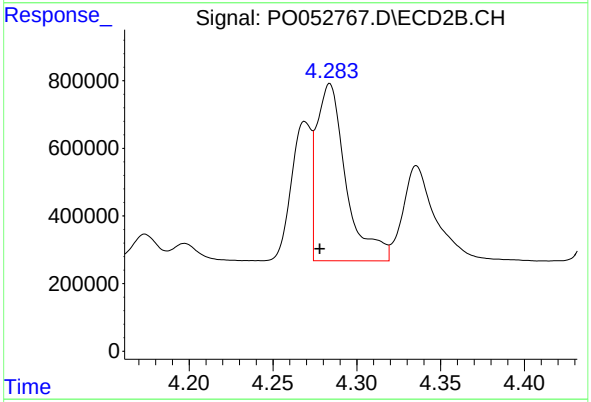
R.T.: 7.953 min
Delta R.T.: -0.012 min
Response: 10135801
Conc: 45.94 ng/ml



#3 AR-1016-1

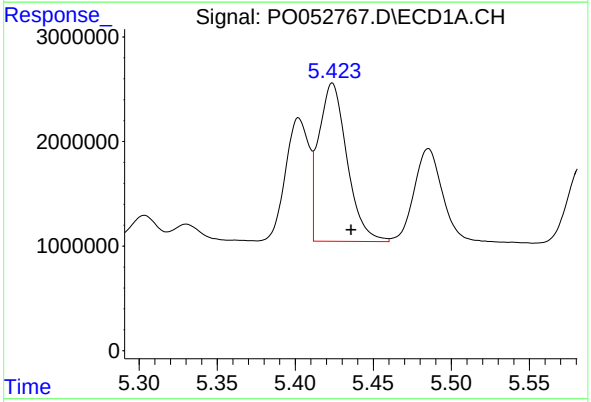
R.T.: 5.424 min
Delta R.T.: 0.010 min
Response: 19066469
Conc: 931.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



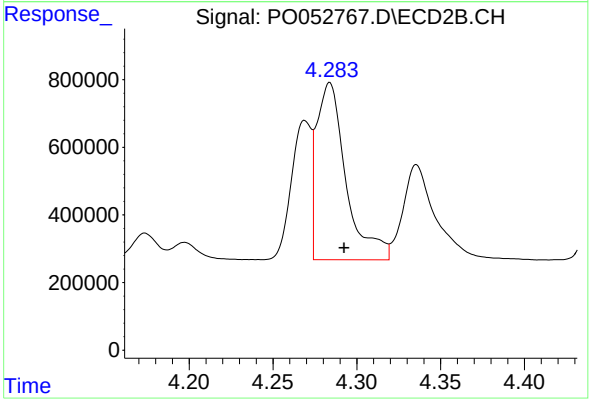
#3 AR-1016-1

R.T.: 4.284 min
Delta R.T.: 0.006 min
Response: 6385977
Conc: 998.89 ng/ml



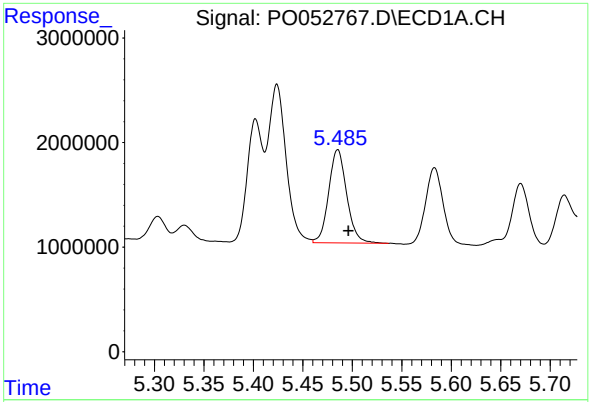
#4 AR-1016-2

R.T.: 5.424 min
Delta R.T.: -0.012 min
Response: 19066469
Conc: 610.46 ng/ml



#4 AR-1016-2

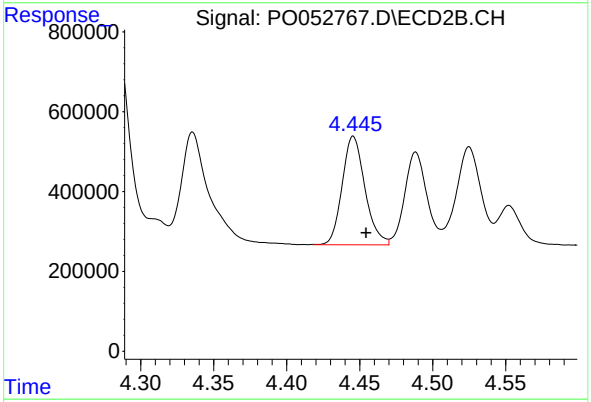
R.T.: 4.284 min
Delta R.T.: -0.009 min
Response: 6385977
Conc: 520.71 ng/ml



#5 AR-1016-3

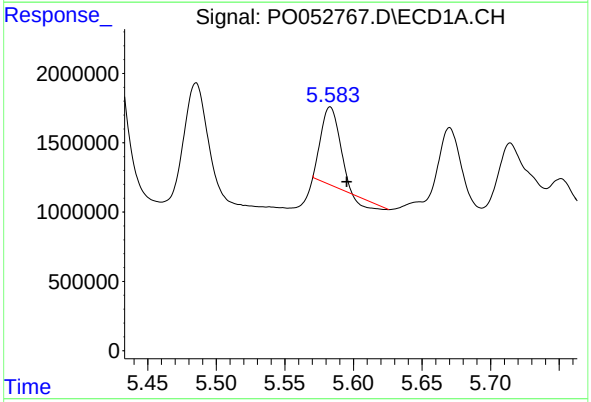
R.T.: 5.485 min
Delta R.T.: -0.011 min
Response: 11350385
Conc: 599.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



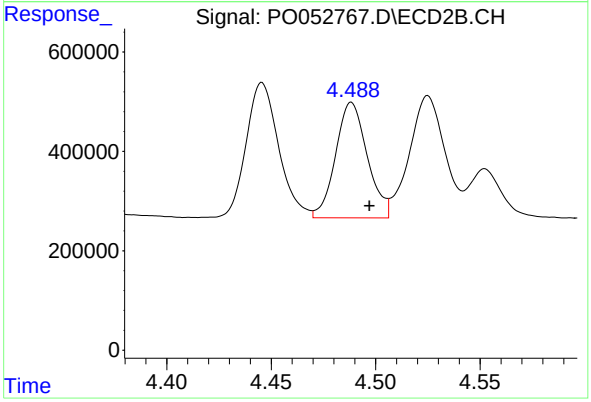
#5 AR-1016-3

R.T.: 4.446 min
Delta R.T.: -0.009 min
Response: 2952289
Conc: 534.32 ng/ml



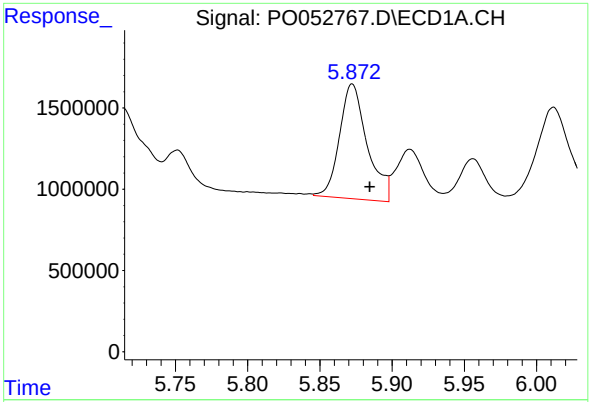
#6 AR-1016-4

R.T.: 5.583 min
Delta R.T.: -0.012 min
Response: 4852449
Conc: 322.96 ng/ml



#6 AR-1016-4

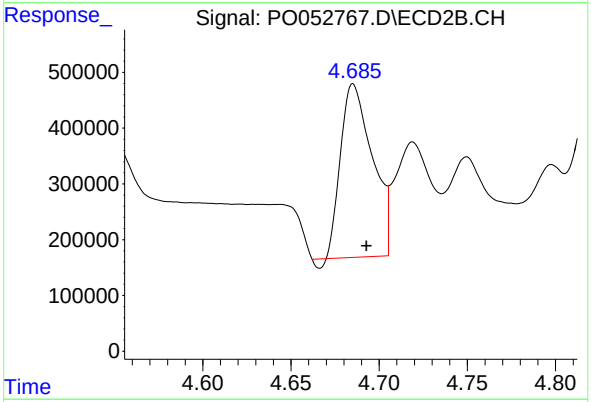
R.T.: 4.488 min
Delta R.T.: -0.009 min
Response: 2457473
Conc: 508.30 ng/ml



#7 AR-1016-5

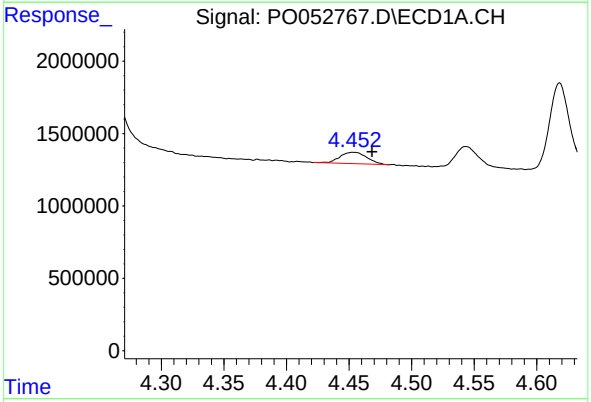
R.T.: 5.872 min
Delta R.T.: -0.012 min
Response: 9437612
Conc: 631.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



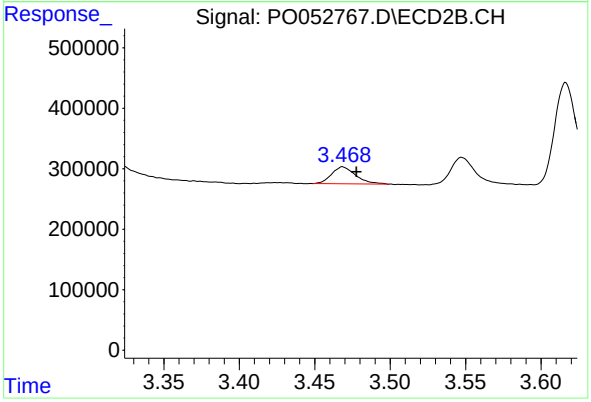
#7 AR-1016-5

R.T.: 4.685 min
Delta R.T.: -0.008 min
Response: 3874981
Conc: 602.00 ng/ml



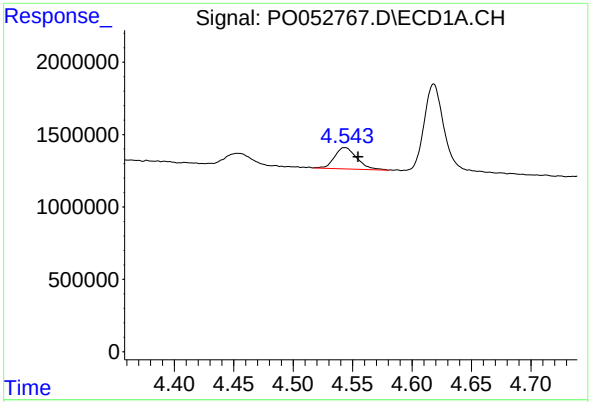
#8 AR-1221-1

R.T.: 4.453 min
Delta R.T.: -0.016 min
Response: 1180168
Conc: 160.38 ng/ml



#8 AR-1221-1

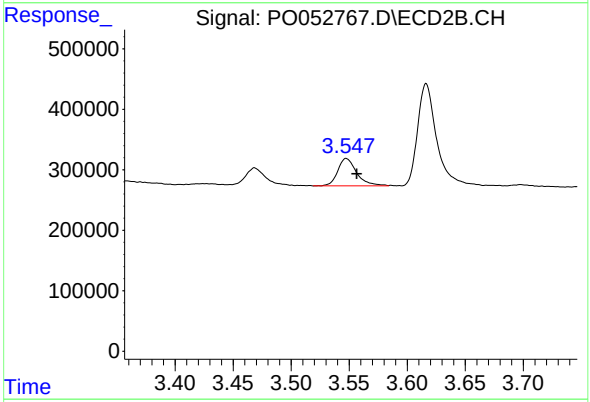
R.T.: 3.468 min
Delta R.T.: -0.009 min
Response: 313975
Conc: 141.91 ng/ml



#9 AR-1221-2

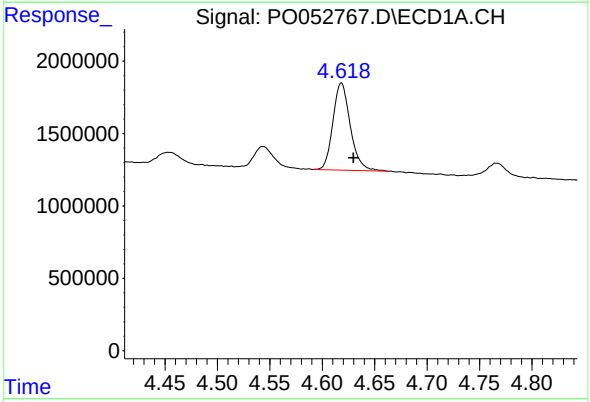
R.T.: 4.543 min
Delta R.T.: -0.011 min
Response: 1930043
Conc: 353.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



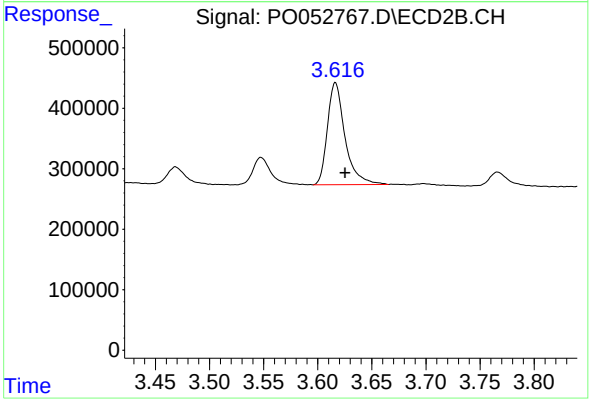
#9 AR-1221-2

R.T.: 3.547 min
Delta R.T.: -0.009 min
Response: 515979
Conc: 305.67 ng/ml



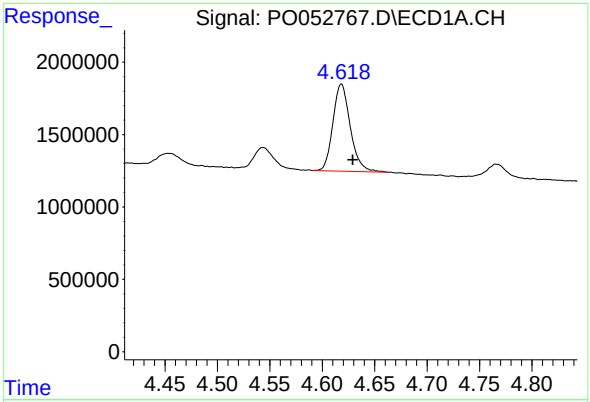
#10 AR-1221-3

R.T.: 4.618 min
Delta R.T.: -0.011 min
Response: 6969732
Conc: 392.69 ng/ml



#10 AR-1221-3

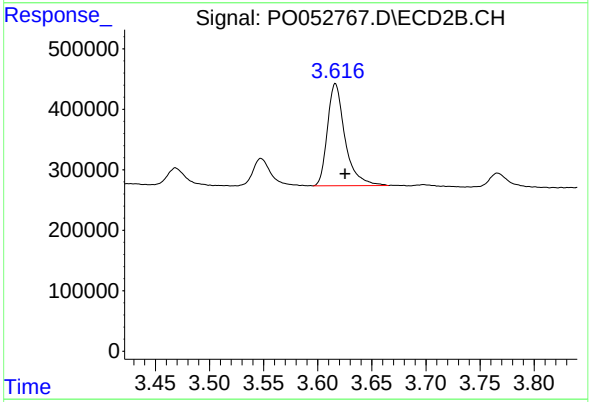
R.T.: 3.616 min
Delta R.T.: -0.009 min
Response: 1914340
Conc: 354.32 ng/ml



#11 AR-1232-1

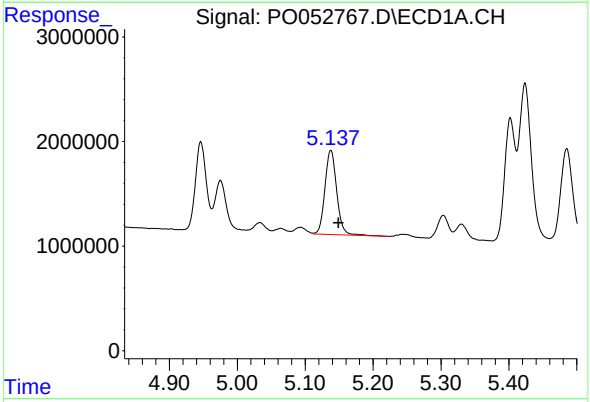
R.T.: 4.618 min
Delta R.T.: -0.011 min
Response: 6969732
Conc: 491.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



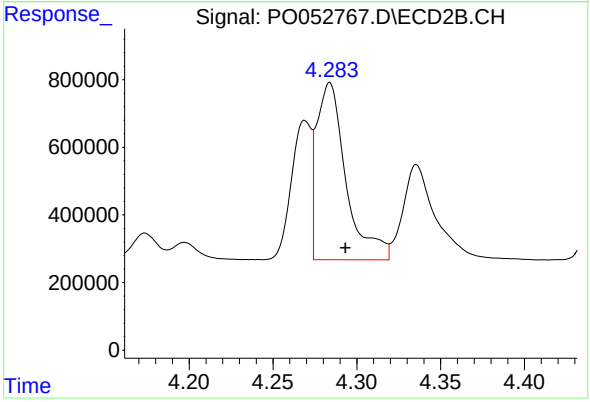
#11 AR-1232-1

R.T.: 3.616 min
Delta R.T.: -0.009 min
Response: 1914340
Conc: 437.58 ng/ml



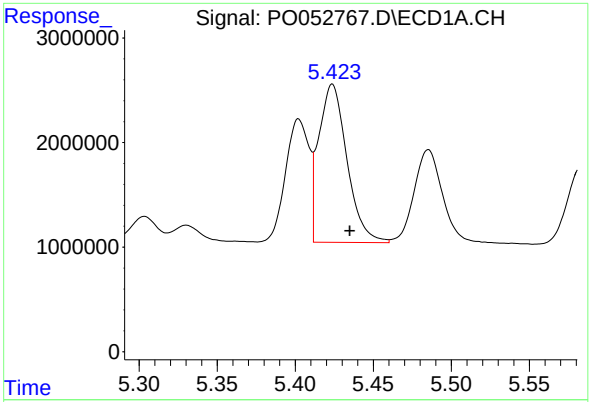
#12 AR-1232-2

R.T.: 5.138 min
Delta R.T.: -0.011 min
Response: 9729611
Conc: 1313.48 ng/ml



#12 AR-1232-2

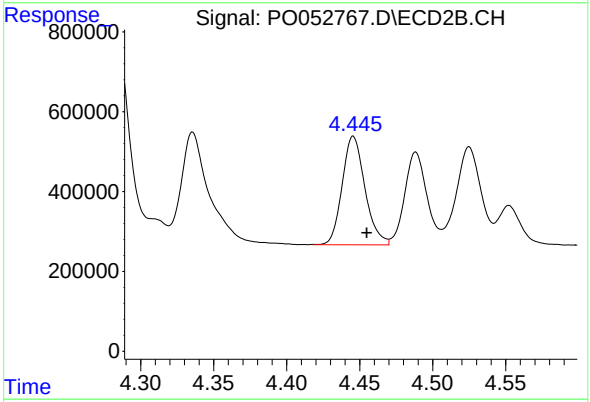
R.T.: 4.284 min
Delta R.T.: -0.009 min
Response: 6385977
Conc: 1122.36 ng/ml



#13 AR-1232-3

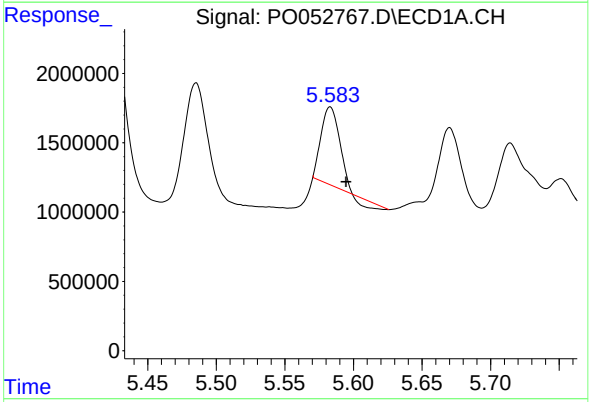
R.T.: 5.424 min
Delta R.T.: -0.011 min
Response: 19066469
Conc: 1245.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



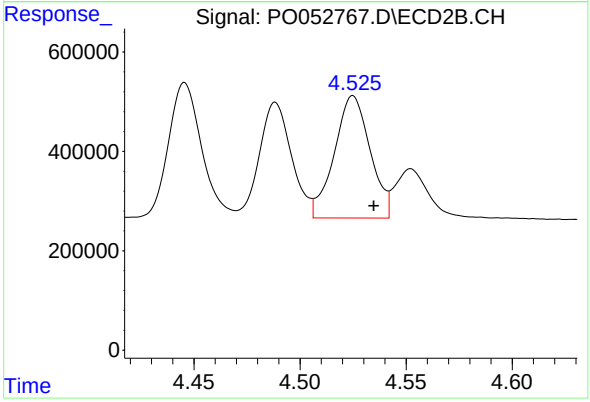
#13 AR-1232-3

R.T.: 4.446 min
Delta R.T.: -0.009 min
Response: 2952289
Conc: 1160.48 ng/ml



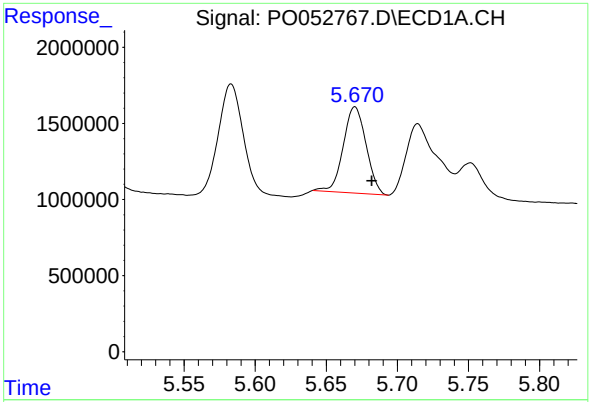
#14 AR-1232-4

R.T.: 5.583 min
Delta R.T.: -0.012 min
Response: 4852449
Conc: 706.21 ng/ml



#14 AR-1232-4

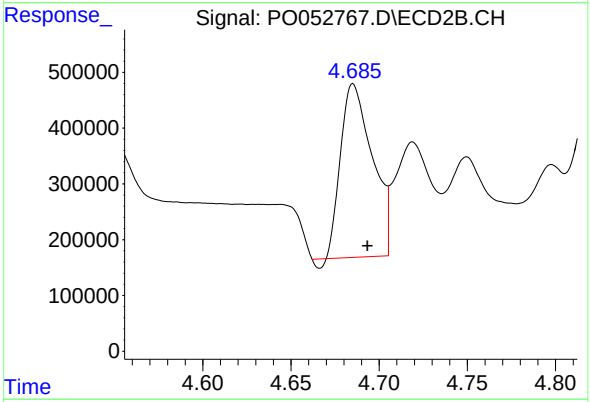
R.T.: 4.525 min
Delta R.T.: -0.010 min
Response: 2895356
Conc: 1258.89 ng/ml



#15 AR-1232-5

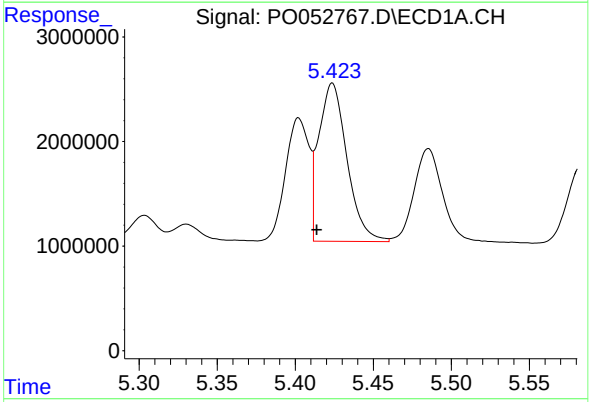
R.T.: 5.670 min
Delta R.T.: -0.012 min
Response: 6345584
Conc: 1375.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



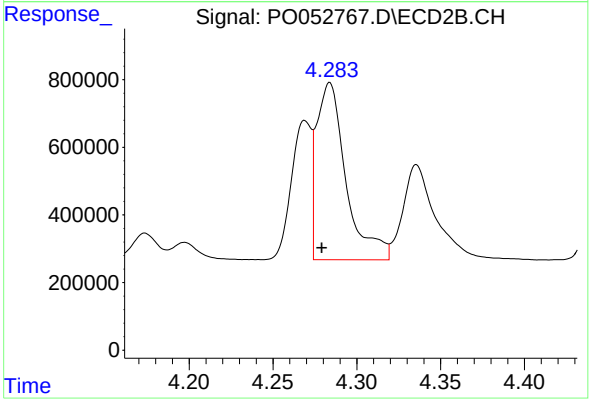
#15 AR-1232-5

R.T.: 4.685 min
Delta R.T.: -0.008 min
Response: 3874981
Conc: 1453.70 ng/ml



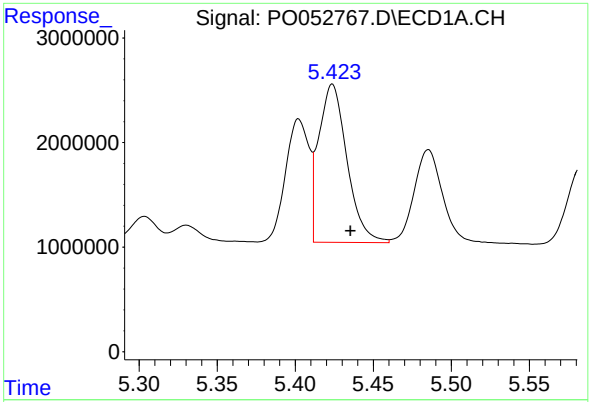
#16 AR-1242-1

R.T.: 5.424 min
Delta R.T.: 0.010 min
Response: 19066469
Conc: 1047.97 ng/ml



#16 AR-1242-1

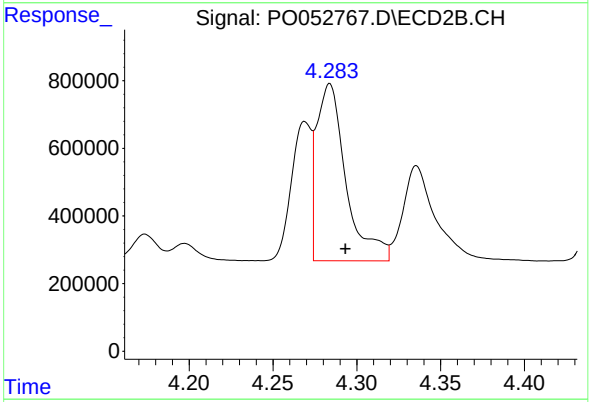
R.T.: 4.284 min
Delta R.T.: 0.005 min
Response: 6385977
Conc: 1170.77 ng/ml



#17 AR-1242-2

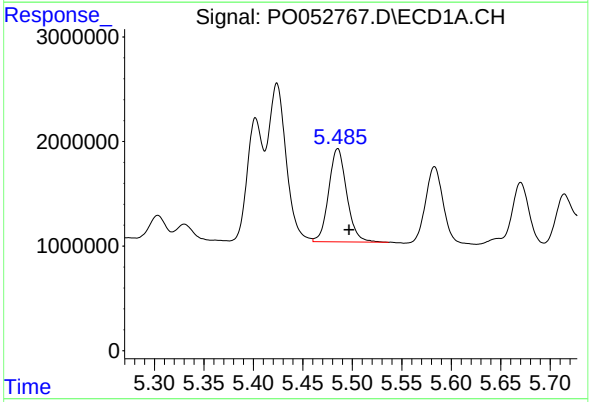
R.T.: 5.424 min
Delta R.T.: -0.012 min
Response: 19066469
Conc: 689.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



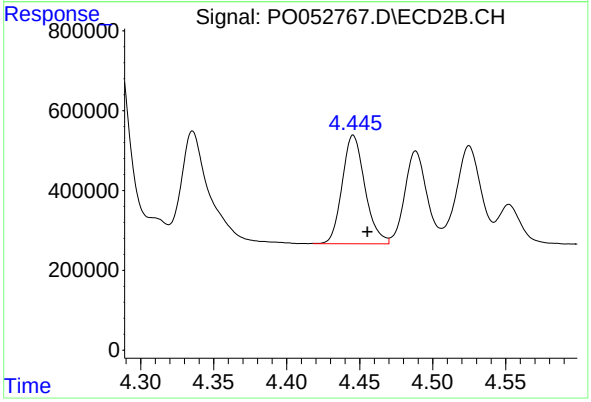
#17 AR-1242-2

R.T.: 4.284 min
Delta R.T.: -0.009 min
Response: 6385977
Conc: 601.76 ng/ml



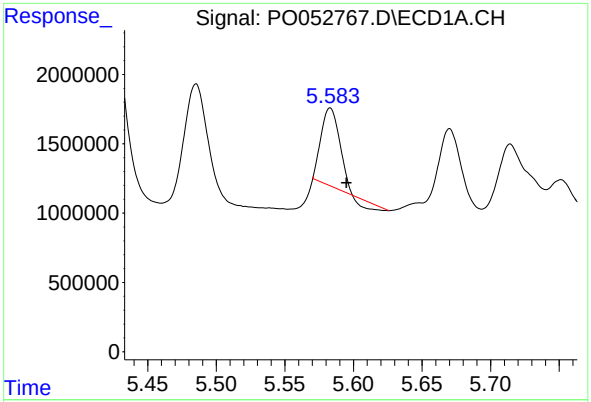
#18 AR-1242-3

R.T.: 5.485 min
Delta R.T.: -0.011 min
Response: 11350385
Conc: 685.46 ng/ml



#18 AR-1242-3

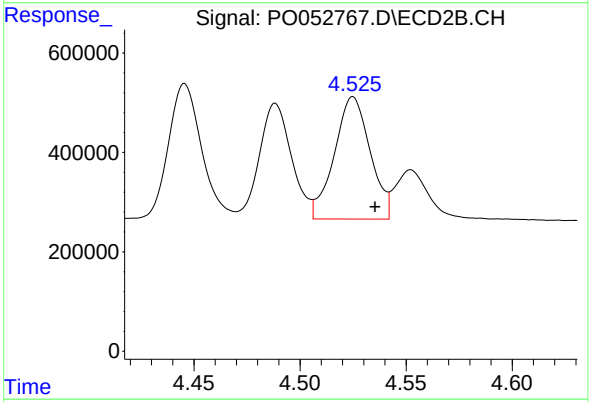
R.T.: 4.446 min
Delta R.T.: -0.010 min
Response: 2952289
Conc: 613.21 ng/ml



#19 AR-1242-4

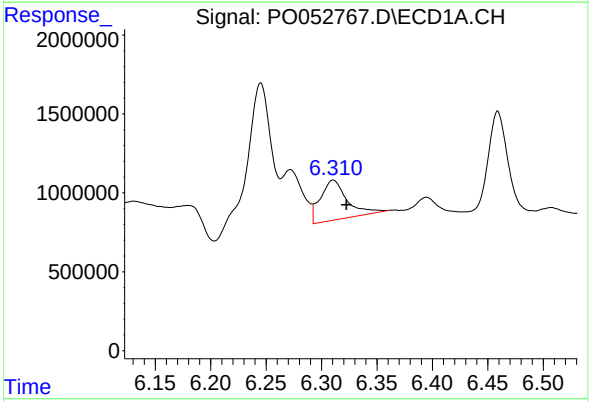
R.T.: 5.583 min
Delta R.T.: -0.012 min
Response: 4852449
Conc: 370.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



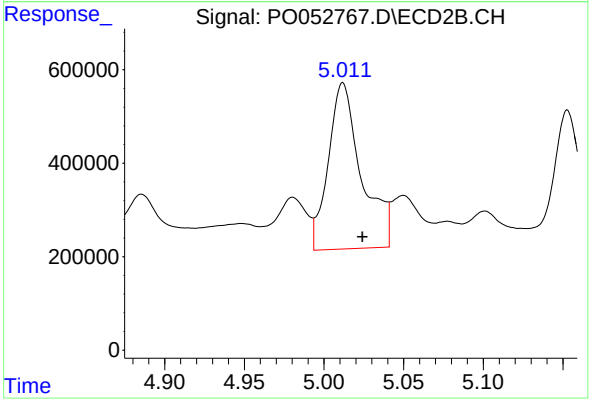
#19 AR-1242-4

R.T.: 4.525 min
Delta R.T.: -0.010 min
Response: 2895356
Conc: 591.33 ng/ml



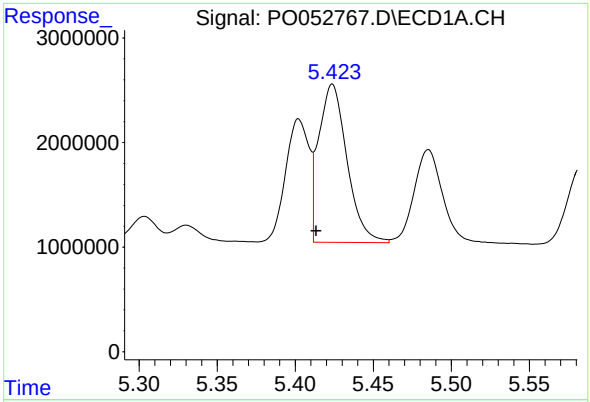
#20 AR-1242-5

R.T.: 6.311 min
Delta R.T.: -0.012 min
Response: 4220975
Conc: 299.66 ng/ml



#20 AR-1242-5

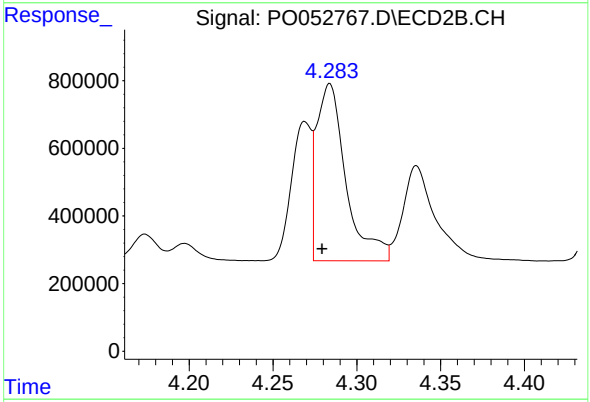
R.T.: 5.012 min
Delta R.T.: -0.012 min
Response: 5145113
Conc: 860.15 ng/ml



#21 AR-1248-1

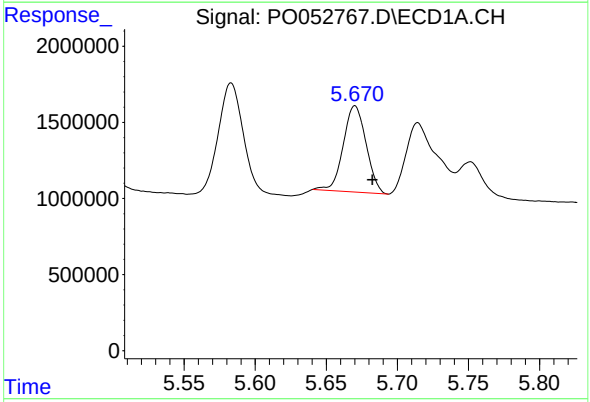
R.T.: 5.424 min
Delta R.T.: 0.010 min
Response: 19066469
Conc: 1377.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



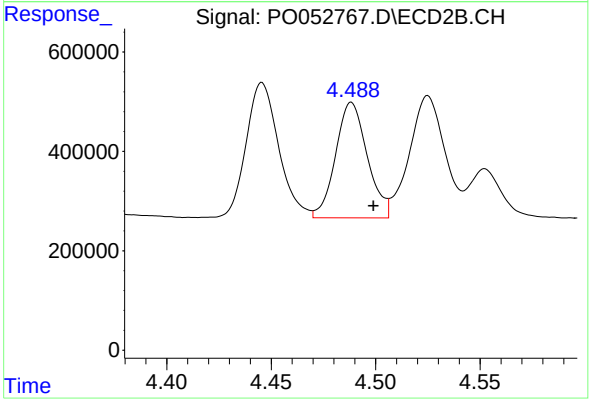
#21 AR-1248-1

R.T.: 4.284 min
Delta R.T.: 0.005 min
Response: 6385977
Conc: 1440.78 ng/ml



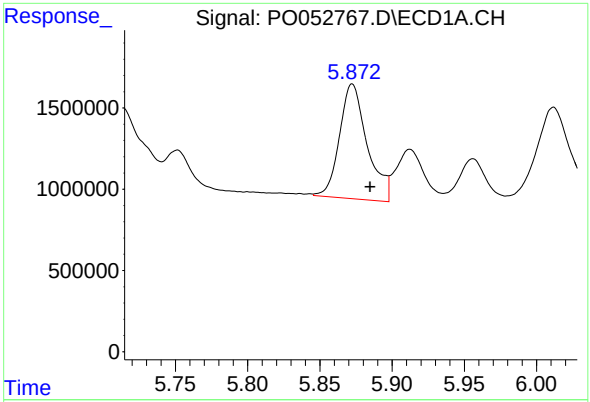
#22 AR-1248-2

R.T.: 5.670 min
Delta R.T.: -0.012 min
Response: 6345584
Conc: 333.08 ng/ml



#22 AR-1248-2

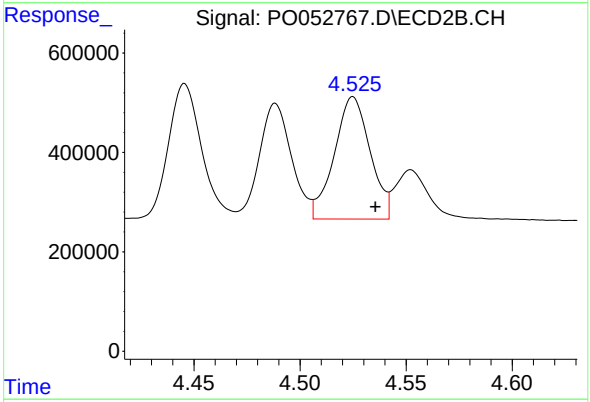
R.T.: 4.488 min
Delta R.T.: -0.011 min
Response: 2457473
Conc: 354.50 ng/ml



#23 AR-1248-3

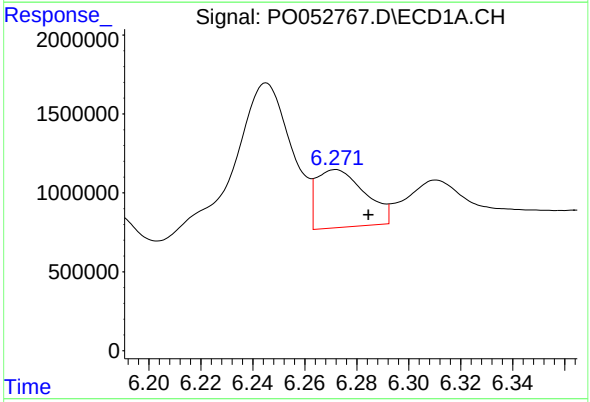
R.T.: 5.872 min
Delta R.T.: -0.012 min
Response: 9437612
Conc: 436.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



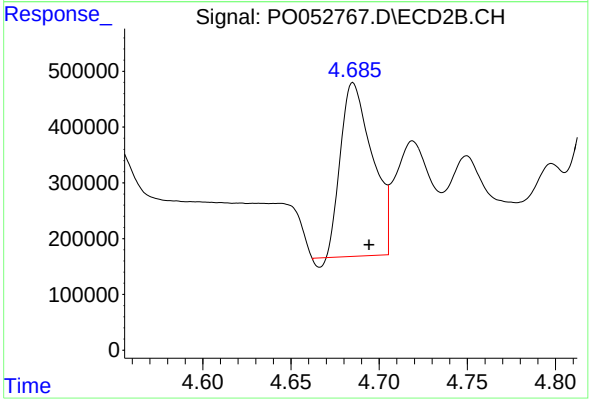
#23 AR-1248-3

R.T.: 4.525 min
Delta R.T.: -0.010 min
Response: 2895356
Conc: 416.89 ng/ml



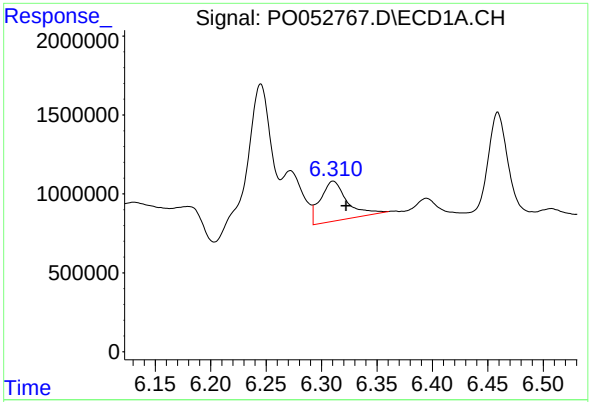
#24 AR-1248-4

R.T.: 6.272 min
Delta R.T.: -0.013 min
Response: 4745947
Conc: 208.11 ng/ml



#24 AR-1248-4

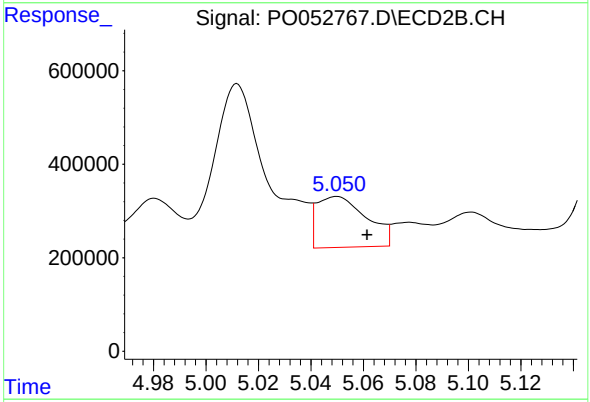
R.T.: 4.685 min
Delta R.T.: -0.009 min
Response: 3874981
Conc: 452.72 ng/ml



#25 AR-1248-5

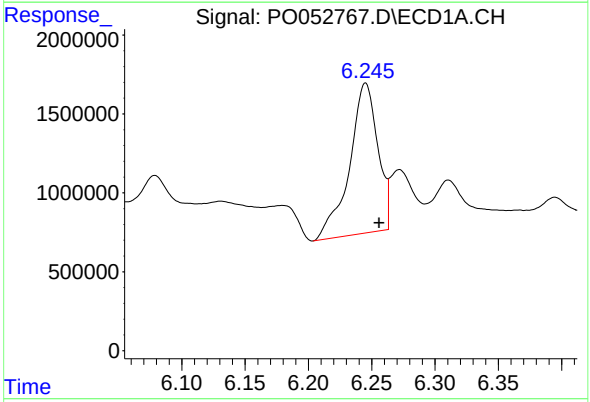
R.T.: 6.311 min
Delta R.T.: -0.012 min
Response: 4220975
Conc: 193.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



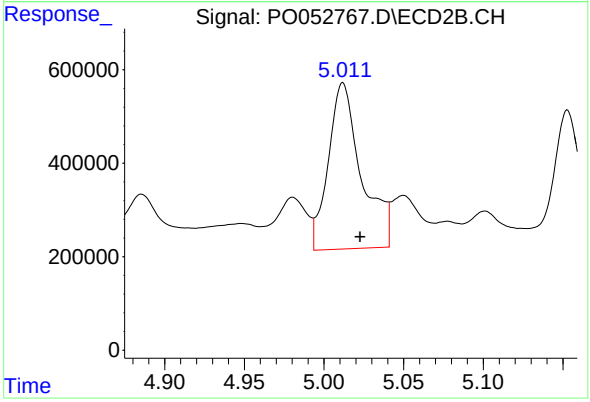
#25 AR-1248-5

R.T.: 5.050 min
Delta R.T.: -0.011 min
Response: 1427509
Conc: 172.10 ng/ml



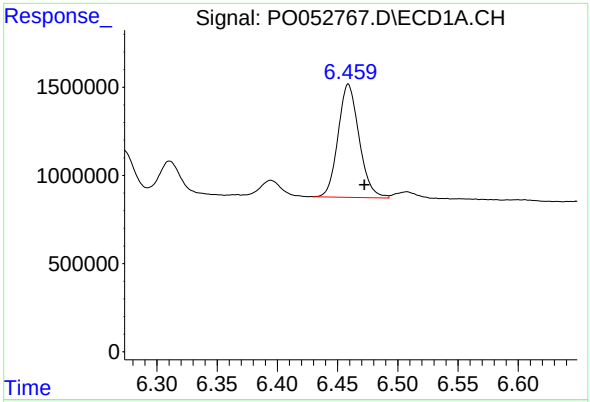
#26 AR-1254-1

R.T.: 6.245 min
Delta R.T.: -0.011 min
Response: 14724827
Conc: 589.37 ng/ml



#26 AR-1254-1

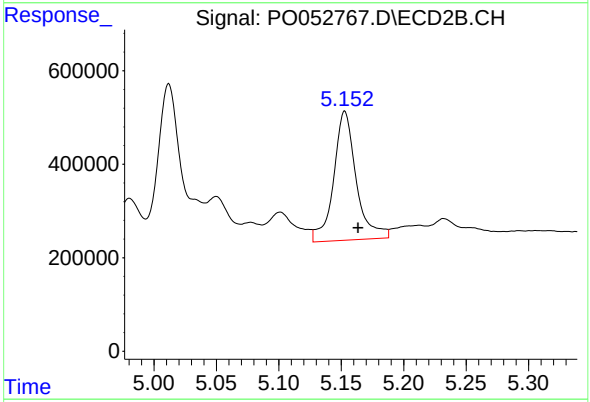
R.T.: 5.012 min
Delta R.T.: -0.011 min
Response: 5145113
Conc: 373.20 ng/ml



#27 AR-1254-2

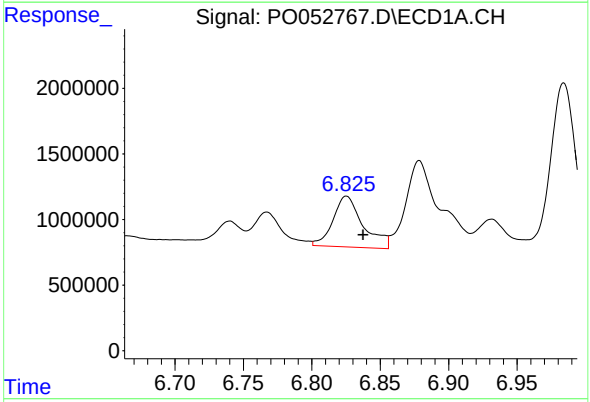
R.T.: 6.459 min
Delta R.T.: -0.013 min
Response: 7798216
Conc: 201.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



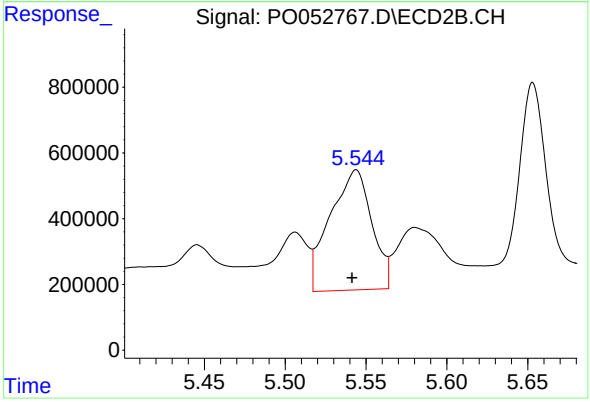
#27 AR-1254-2

R.T.: 5.153 min
Delta R.T.: -0.011 min
Response: 3479973
Conc: 283.84 ng/ml



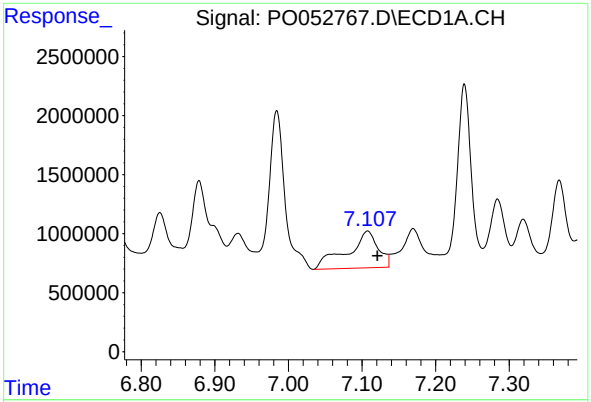
#28 AR-1254-3

R.T.: 6.825 min
Delta R.T.: -0.012 min
Response: 5921132
Conc: 150.29 ng/ml



#28 AR-1254-3

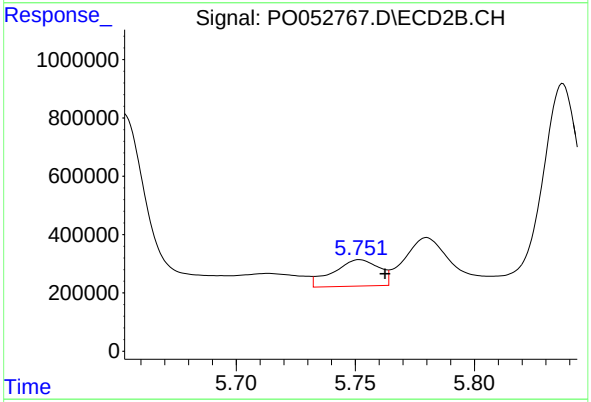
R.T.: 5.544 min
Delta R.T.: 0.003 min
Response: 6584663
Conc: 341.72 ng/ml



#29 AR-1254-4

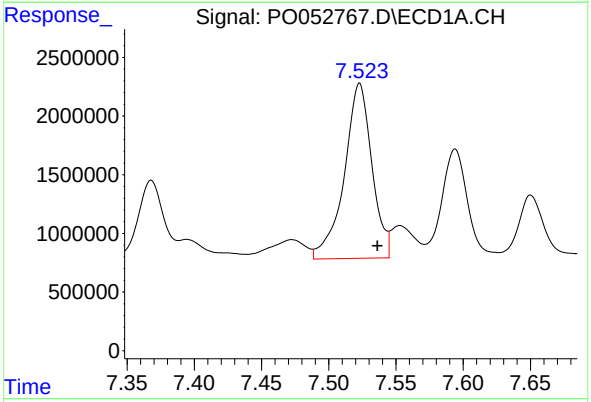
R.T.: 7.108 min
Delta R.T.: -0.013 min
Response: 9139394
Conc: 332.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



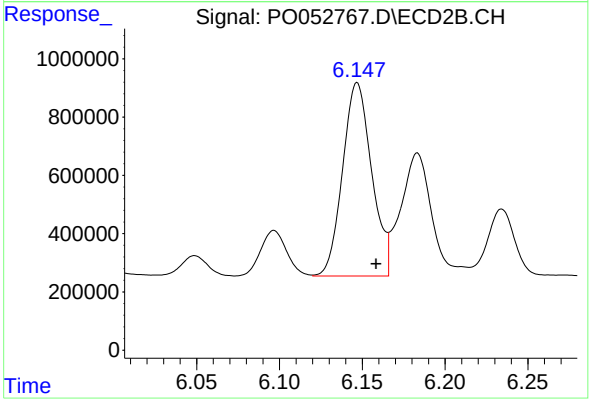
#29 AR-1254-4

R.T.: 5.752 min
Delta R.T.: -0.011 min
Response: 1206195
Conc: 108.07 ng/ml



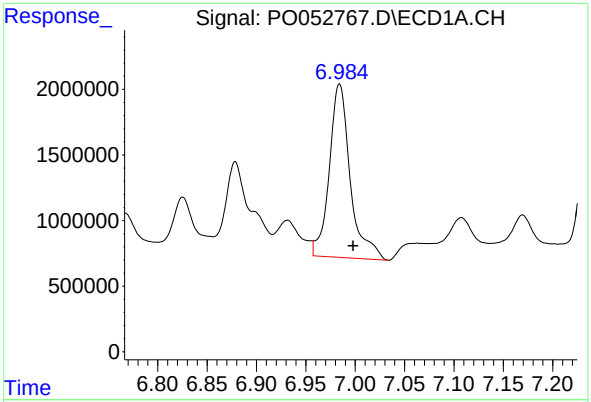
#30 AR-1254-5

R.T.: 7.523 min
Delta R.T.: -0.013 min
Response: 21347405
Conc: 733.51 ng/ml



#30 AR-1254-5

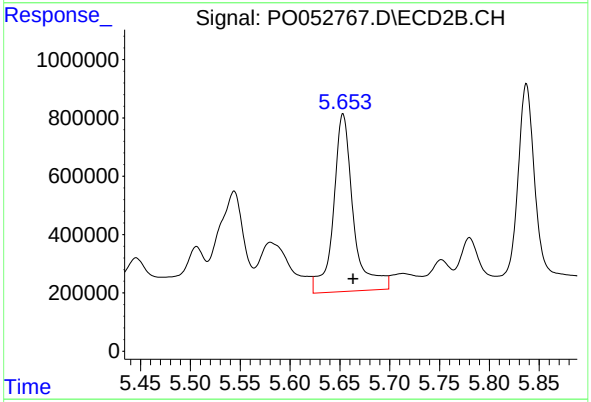
R.T.: 6.147 min
Delta R.T.: -0.011 min
Response: 8107206
Conc: 486.46 ng/ml



#31 AR-1260-1

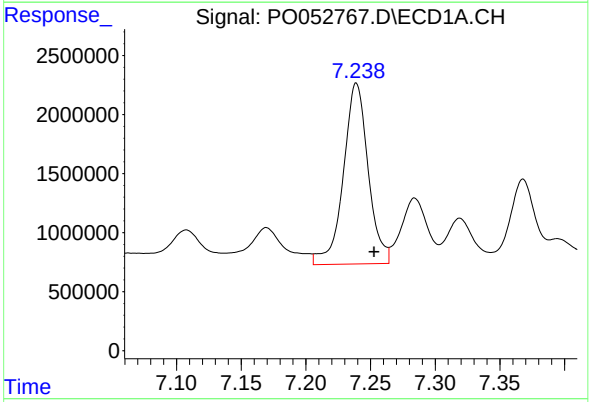
R.T.: 6.984 min
Delta R.T.: -0.014 min
Response: 19517719
Conc: 668.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



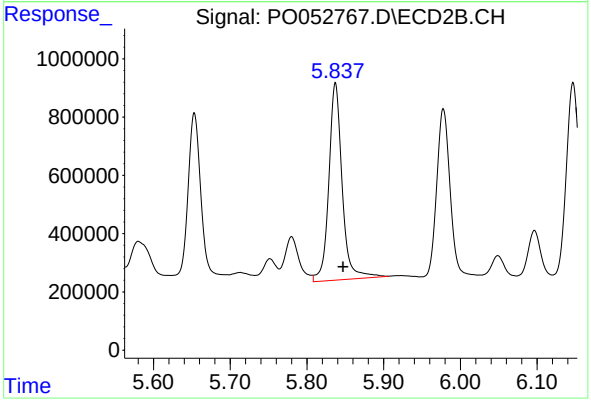
#31 AR-1260-1

R.T.: 5.653 min
Delta R.T.: -0.010 min
Response: 8473381
Conc: 617.87 ng/ml



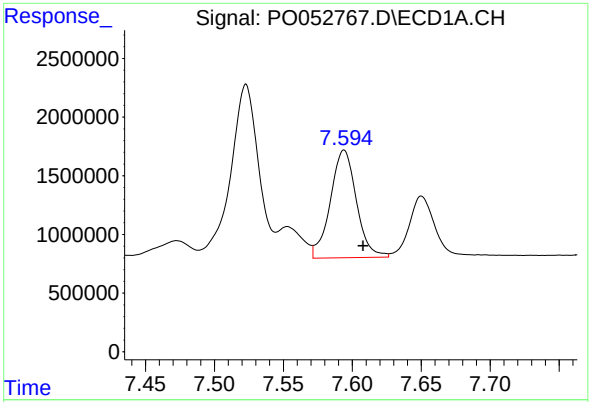
#32 AR-1260-2

R.T.: 7.239 min
Delta R.T.: -0.014 min
Response: 20451041
Conc: 584.68 ng/ml



#32 AR-1260-2

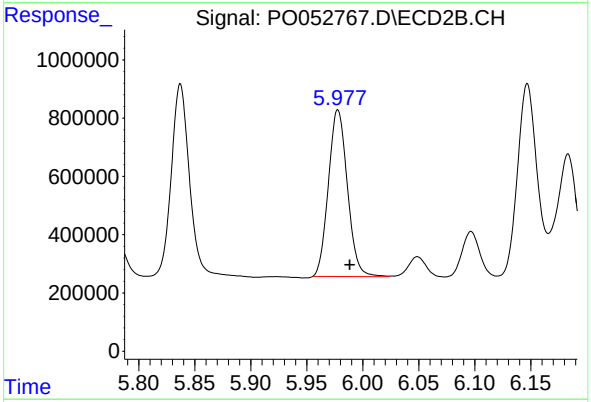
R.T.: 5.837 min
Delta R.T.: -0.010 min
Response: 8162602
Conc: 491.21 ng/ml



#33 AR-1260-3

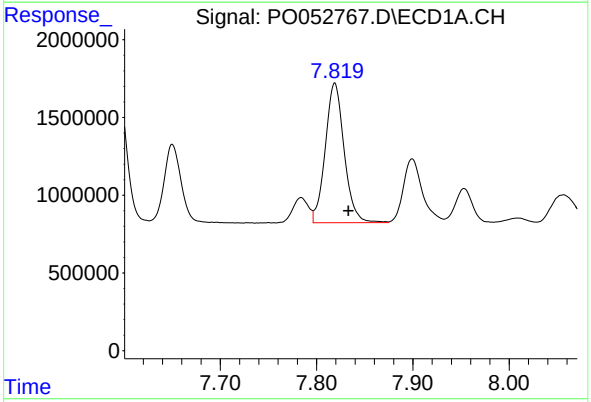
R.T.: 7.594 min
Delta R.T.: -0.014 min
Response: 12109139
Conc: 520.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



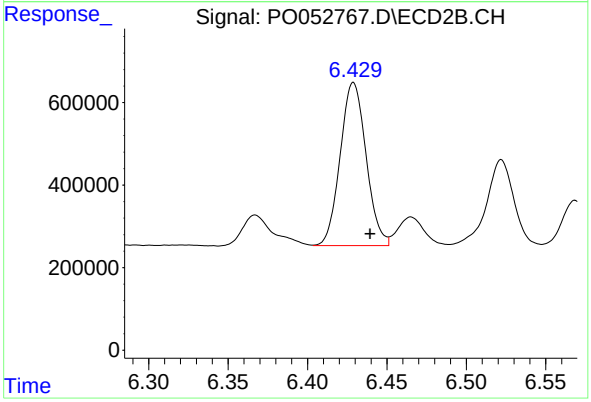
#33 AR-1260-3

R.T.: 5.978 min
Delta R.T.: -0.010 min
Response: 6760827
Conc: 442.19 ng/ml



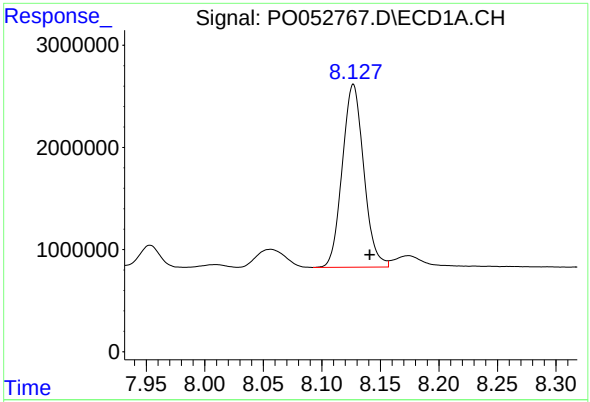
#34 AR-1260-4

R.T.: 7.819 min
Delta R.T.: -0.014 min
Response: 12268816
Conc: 492.79 ng/ml



#34 AR-1260-4

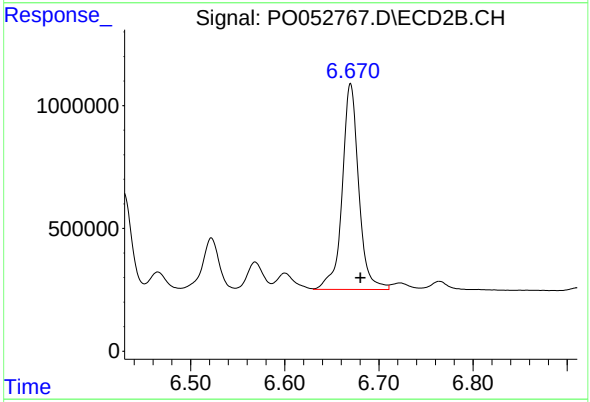
R.T.: 6.429 min
Delta R.T.: -0.011 min
Response: 4485825
Conc: 445.81 ng/ml



#35 AR-1260-5

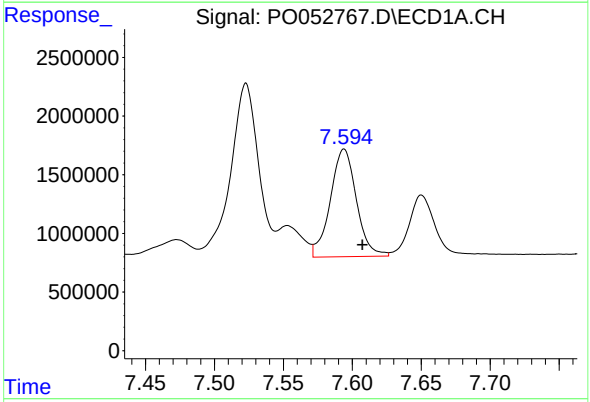
R.T.: 8.127 min
Delta R.T.: -0.014 min
Response: 22853092
Conc: 466.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



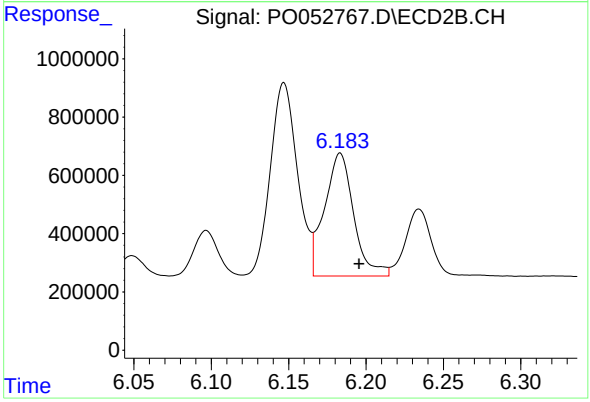
#35 AR-1260-5

R.T.: 6.670 min
Delta R.T.: -0.010 min
Response: 10210052
Conc: 430.75 ng/ml



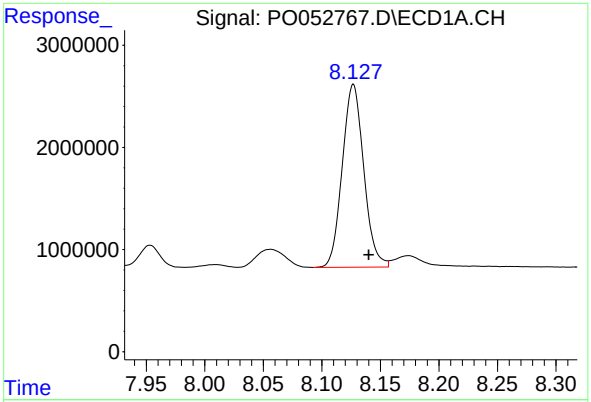
#36 AR-1262-1

R.T.: 7.594 min
Delta R.T.: -0.013 min
Response: 12109139
Conc: 307.54 ng/ml



#36 AR-1262-1

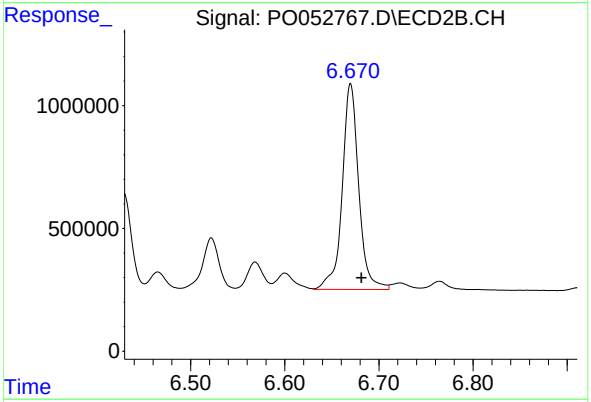
R.T.: 6.183 min
Delta R.T.: -0.012 min
Response: 5542506
Conc: 304.83 ng/ml



#37 AR-1262-2

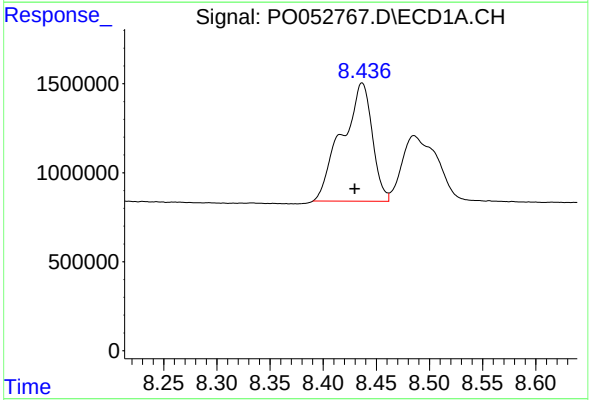
R.T.: 8.127 min
Delta R.T.: -0.013 min
Response: 22853092
Conc: 369.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



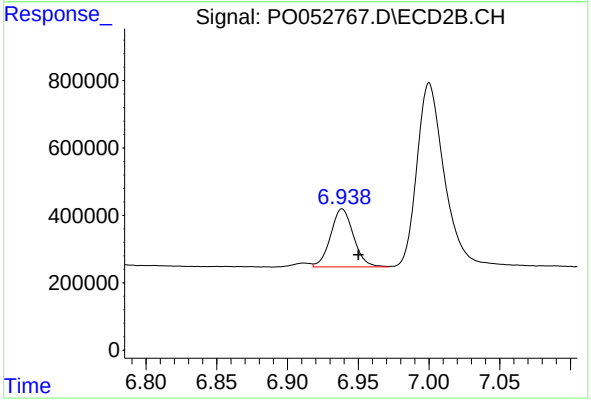
#37 AR-1262-2

R.T.: 6.670 min
Delta R.T.: -0.011 min
Response: 10210052
Conc: 357.60 ng/ml



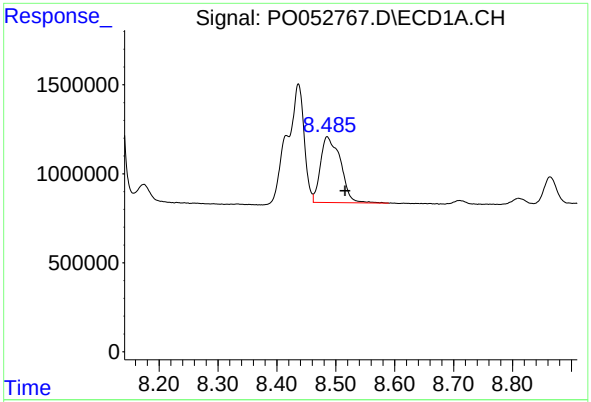
#38 AR-1262-3

R.T.: 8.437 min
Delta R.T.: 0.007 min
Response: 13224456
Conc: 318.70 ng/ml



#38 AR-1262-3

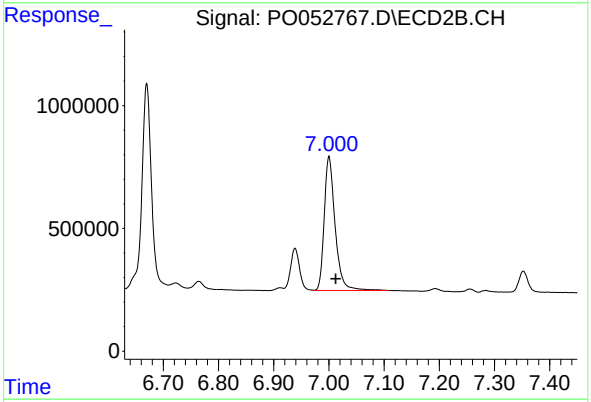
R.T.: 6.939 min
Delta R.T.: -0.011 min
Response: 1935067
Conc: 162.73 ng/ml



#39 AR-1262-4

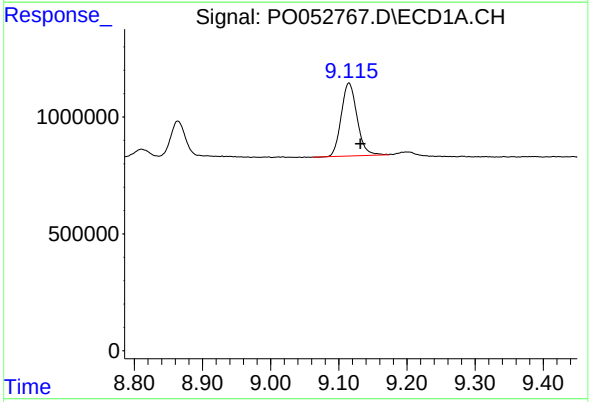
R.T.: 8.485 min
Delta R.T.: -0.030 min
Response: 8724859
Conc: 254.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



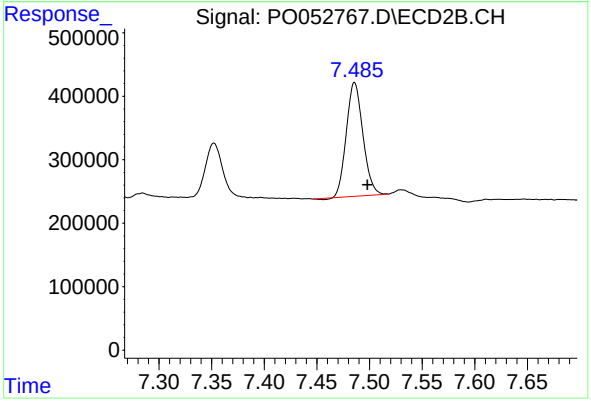
#39 AR-1262-4

R.T.: 7.000 min
Delta R.T.: -0.012 min
Response: 7498186
Conc: 349.11 ng/ml



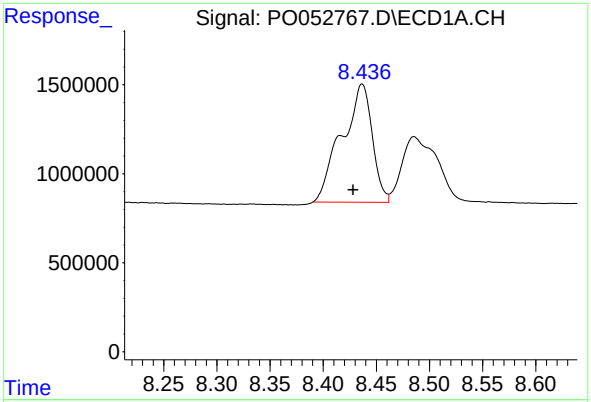
#40 AR-1262-5

R.T.: 9.115 min
Delta R.T.: -0.017 min
Response: 5037243
Conc: 244.50 ng/ml



#40 AR-1262-5

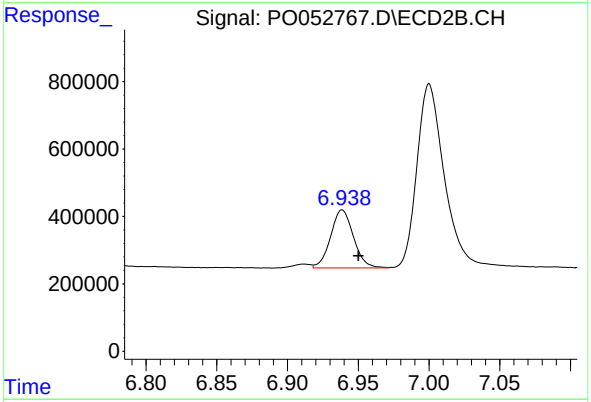
R.T.: 7.486 min
Delta R.T.: -0.012 min
Response: 1963318
Conc: 223.23 ng/ml



#41 AR-1268-1

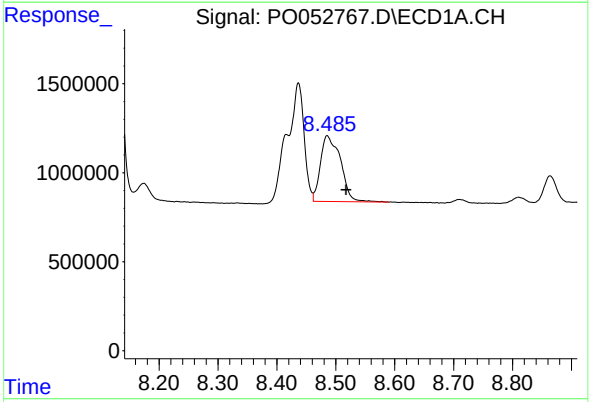
R.T.: 8.437 min
Delta R.T.: 0.008 min
Response: 13224456
Conc: 146.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



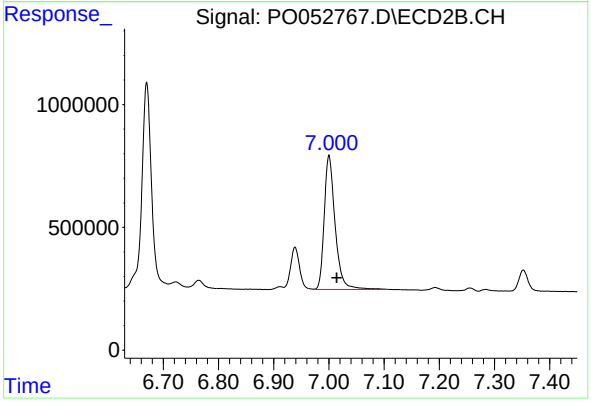
#41 AR-1268-1

R.T.: 6.939 min
Delta R.T.: -0.011 min
Response: 1935067
Conc: 49.84 ng/ml



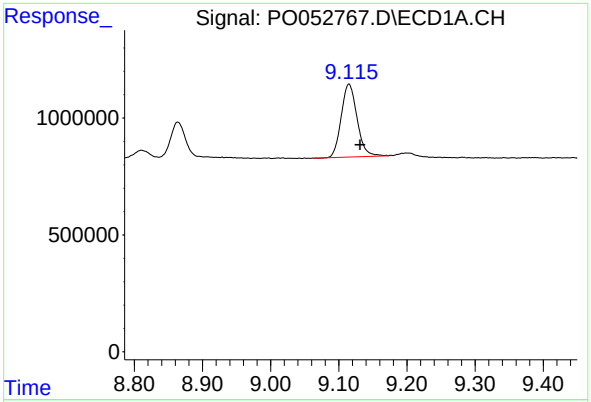
#42 AR-1268-2

R.T.: 8.485 min
Delta R.T.: -0.032 min
Response: 8724859
Conc: 102.02 ng/ml



#42 AR-1268-2

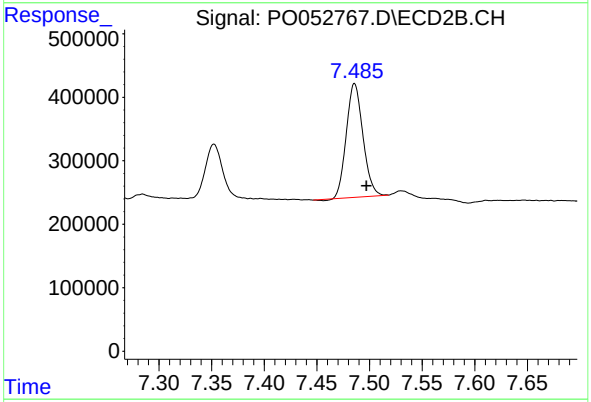
R.T.: 7.000 min
Delta R.T.: -0.014 min
Response: 7498186
Conc: 203.18 ng/ml



#44 AR-1268-4

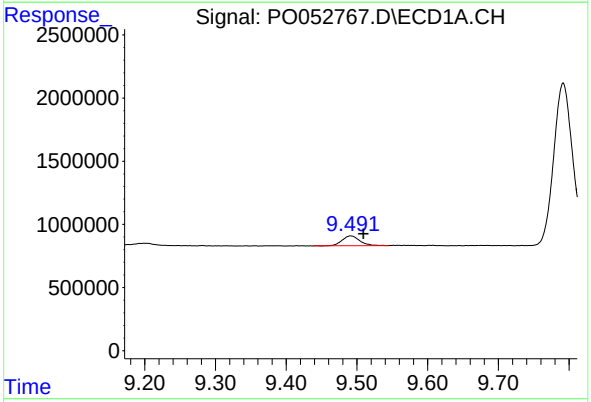
R.T.: 9.115 min
Delta R.T.: -0.016 min
Response: 5037243
Conc: 190.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



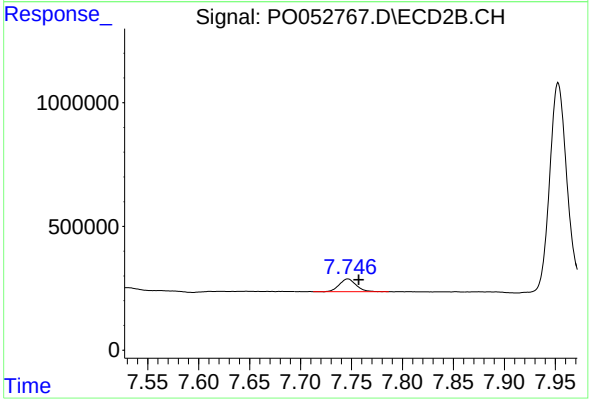
#44 AR-1268-4

R.T.: 7.486 min
Delta R.T.: -0.011 min
Response: 1963318
Conc: 171.37 ng/ml



#45 AR-1268-5

R.T.: 9.491 min
Delta R.T.: -0.018 min
Response: 1339274
Conc: 6.19 ng/ml



#45 AR-1268-5

R.T.: 7.746 min
Delta R.T.: -0.011 min
Response: 592082
Conc: 6.63 ng/ml