

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111721\
 Data File : PO083005.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 17 Nov 2021 20:43
 Operator : AJ\MA
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1242CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 18 02:21:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111221.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 12 10:10:59 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

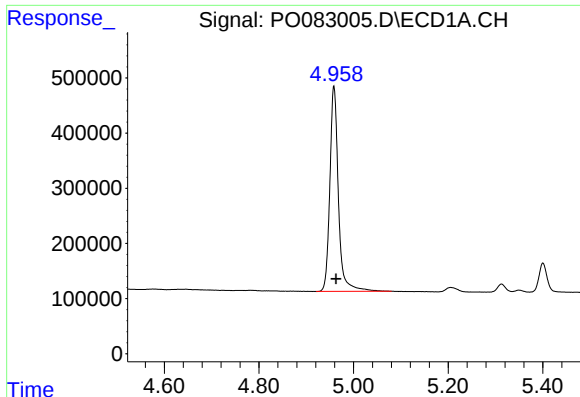
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.958	3.958	4676421	1575761	52.444	48.561
2)	SA Decachlor...	11.052	9.265	3314813	1495714	57.236	52.753
Target Compounds							
3)	L1 AR-1016-1	6.292	5.215	1092822	486236	371.233	347.513
4)	L1 AR-1016-2	6.315	5.235	1542036	652818	371.079	337.458
5)	L1 AR-1016-3	6.381	5.426	942755	366250	370.538	352.075
6)	L1 AR-1016-4	6.490	5.479	756082	292250	368.862	334.115
7)	L1 AR-1016-5	6.807	5.707	761274	387222	373.174	361.835
8)	L2 AR-1221-1	5.206	4.214	137159	46524	140.230	112.875
9)	L2 AR-1221-2	5.313	4.315	174055	69381	252.726	220.192
10)	L2 AR-1221-3	5.400	4.403	626897	274803	286.011	277.859
11)	L3 AR-1232-1	5.400	4.403	626897	274803	357.149	339.258
12)	L3 AR-1232-2	5.994	5.235	845355	652818	930.585	819.816
13)	L3 AR-1232-3	6.315	5.426	1542036	366250	951.611	867.457
14)	L3 AR-1232-4	6.490	5.523	756082	352836	943.472	965.894
15)	L3 AR-1232-5	6.589	5.707	590391	387222	1032.942	965.756
16)	L4 AR-1242-1	6.292	5.215	1092822	486236	510.138	464.323
17)	L4 AR-1242-2	6.315	5.235	1542036	652818	509.799	452.955
18)	L4 AR-1242-3	6.381	5.426	942755	366250	496.191	470.352
19)	L4 AR-1242-4	6.490	5.523	756082	352836	503.388	459.923
20)	L4 AR-1242-5	7.278	6.088	774040	463821	498.112	462.101
21)	L5 AR-1248-1	6.292	5.215	1092822	486236	684.381	620.445
22)	L5 AR-1248-2	6.589	5.479	590391	292250	275.947	265.112
23)	L5 AR-1248-3	6.807	5.523	761274	352836	302.563	318.892
24)	L5 AR-1248-4	7.239	5.707	740502	387222	281.875	296.715
25)	L5 AR-1248-5	7.278	6.131	774040	389189	298.979	288.495
26)	L6 AR-1254-1	7.207	6.088	567129	463821	202.895	224.938
27)	L6 AR-1254-2	7.444	6.248	637185	115621	150.258	64.053 #
28)	L6 AR-1254-3	7.824	6.669	250489	143978	58.874	51.938
29)	L6 AR-1254-4	8.122	6.910	165915	123708	55.603	61.722
30)	L6 AR-1254-5	8.553	7.339	42971	40209	13.882	15.902
31)	L7 AR-1260-1	0.000	6.816	0	59744	N.D.	31.001 #
32)	L7 AR-1260-2	8.250	7.009	34904	19891	9.503	7.821
33)	L7 AR-1260-3	0.000	7.159	0	25614	N.D.	11.514 #
34)	L7 AR-1260-4	8.850	0.000	17572	0	5.578	N.D. #
35)	L7 AR-1260-5	9.191	0.000	12346	0	1.993	N.D. #
36)	L8 AR-1262-1	0.000	7.339	0	40209	N.D.	30.594 #
37)	L8 AR-1262-2	9.191	0.000	12346	0	1.957	N.D. #
45)	L9 AR-1268-5	10.710	0.000	64151	0	2.958	N.D. #

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

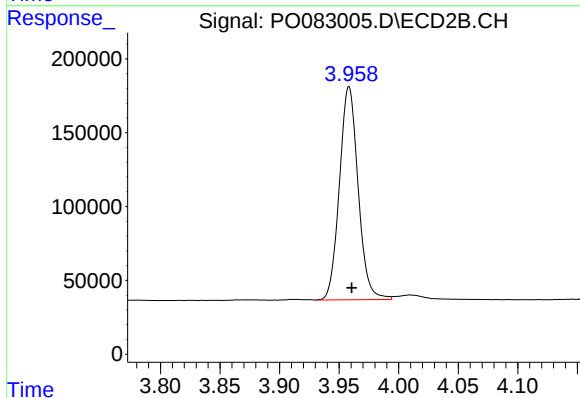
Instrument :
ECD_O
ClientSampleId :
AR1242CCC500



#1 Tetrachloro-m-xylene

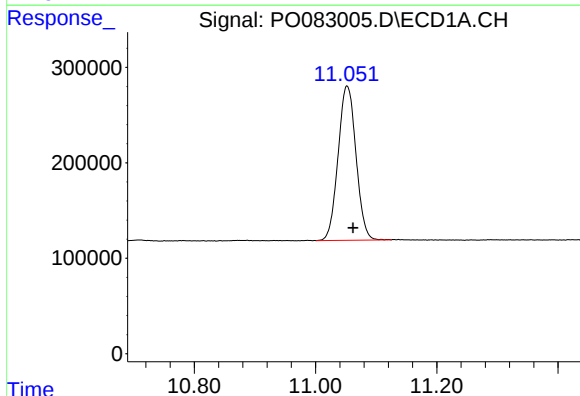
R.T.: 4.958 min
Delta R.T.: -0.005 min
Response: 4676421
Conc: 52.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242CCC500



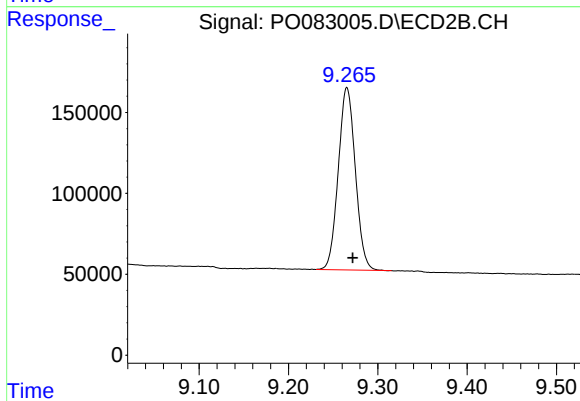
#1 Tetrachloro-m-xylene

R.T.: 3.958 min
Delta R.T.: -0.002 min
Response: 1575761
Conc: 48.56 ng/ml



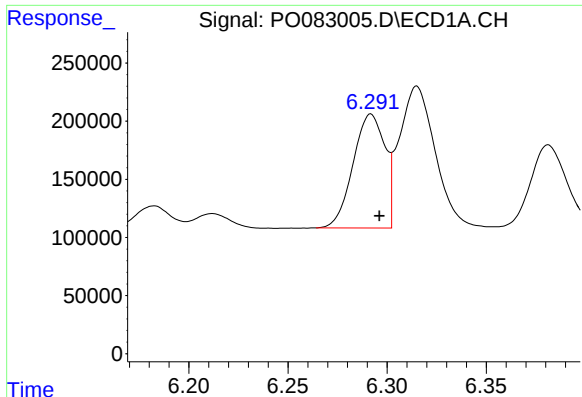
#2 Decachlorobiphenyl

R.T.: 11.052 min
Delta R.T.: -0.010 min
Response: 3314813
Conc: 57.24 ng/ml



#2 Decachlorobiphenyl

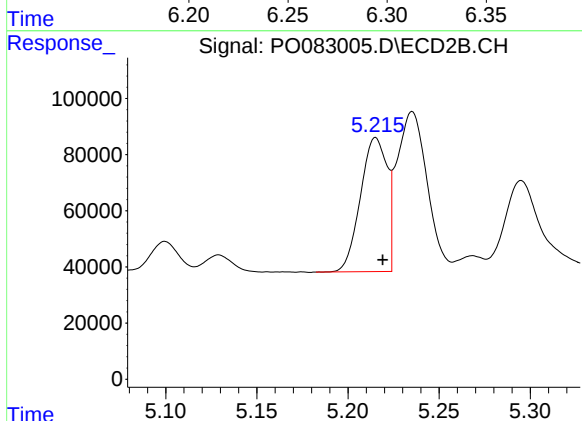
R.T.: 9.265 min
Delta R.T.: -0.007 min
Response: 1495714
Conc: 52.75 ng/ml



#3 AR-1016-1

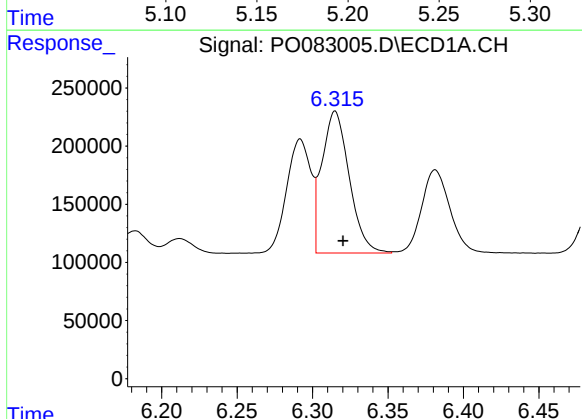
R.T.: 6.292 min
Delta R.T.: -0.004 min
Response: 1092822
Conc: 371.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242CCC500



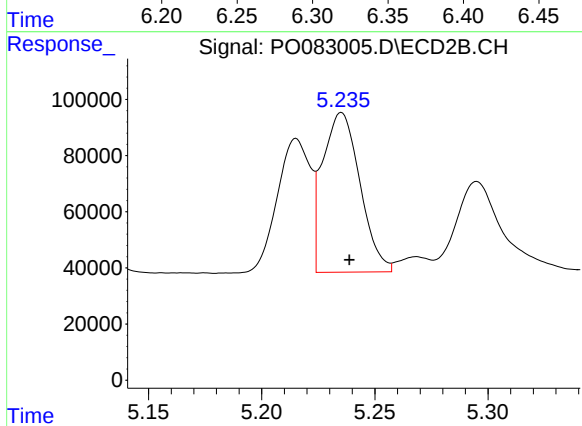
#3 AR-1016-1

R.T.: 5.215 min
Delta R.T.: -0.004 min
Response: 486236
Conc: 347.51 ng/ml



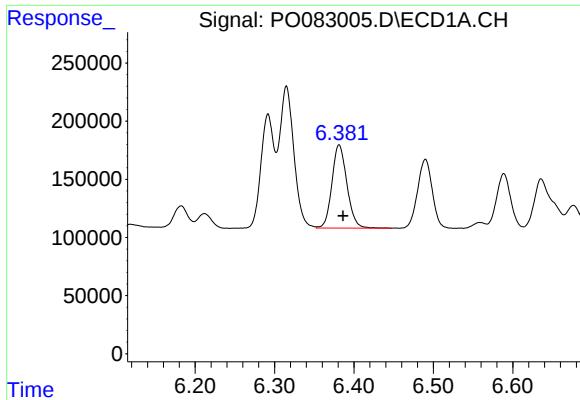
#4 AR-1016-2

R.T.: 6.315 min
Delta R.T.: -0.005 min
Response: 1542036
Conc: 371.08 ng/ml



#4 AR-1016-2

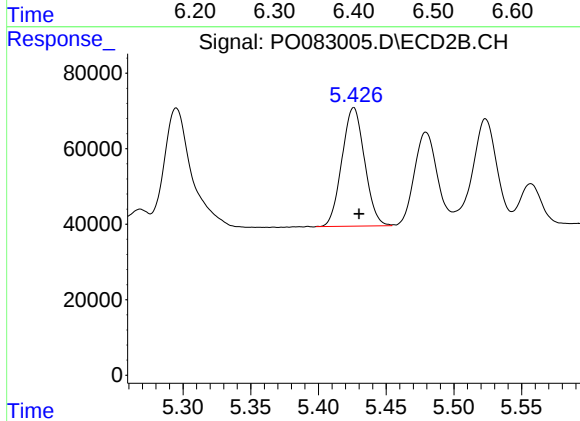
R.T.: 5.235 min
Delta R.T.: -0.004 min
Response: 652818
Conc: 337.46 ng/ml



#5 AR-1016-3

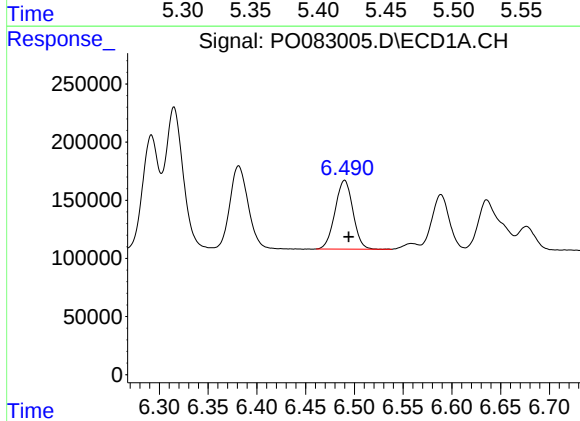
R.T.: 6.381 min
Delta R.T.: -0.005 min
Response: 942755
Conc: 370.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242CCC500



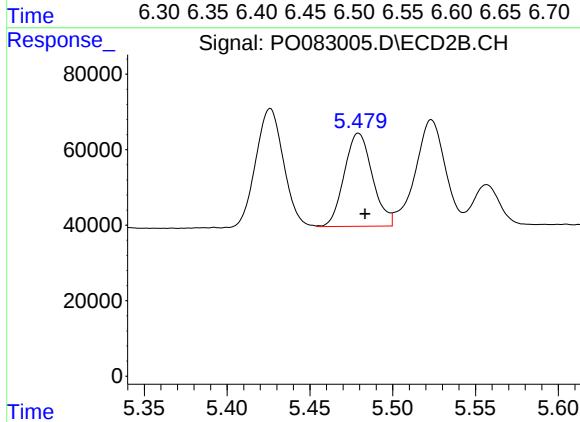
#5 AR-1016-3

R.T.: 5.426 min
Delta R.T.: -0.004 min
Response: 366250
Conc: 352.07 ng/ml



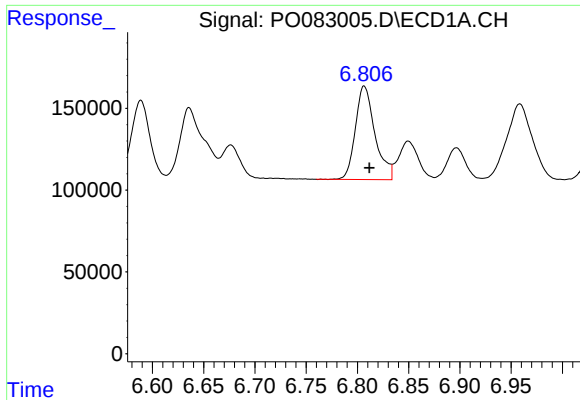
#6 AR-1016-4

R.T.: 6.490 min
Delta R.T.: -0.004 min
Response: 756082
Conc: 368.86 ng/ml



#6 AR-1016-4

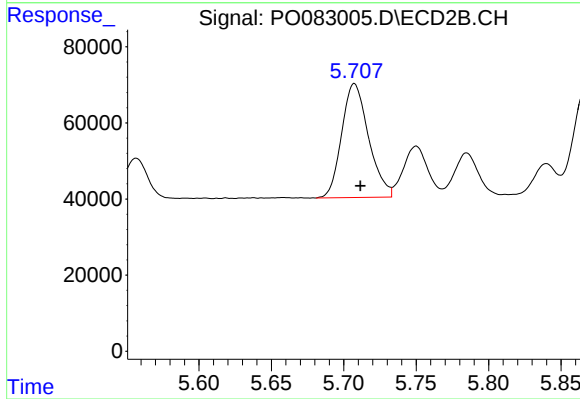
R.T.: 5.479 min
Delta R.T.: -0.004 min
Response: 292250
Conc: 334.11 ng/ml



#7 AR-1016-5

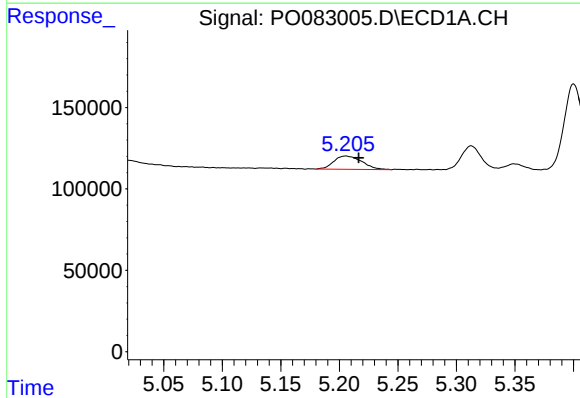
R.T.: 6.807 min
Delta R.T.: -0.005 min
Response: 761274
Conc: 373.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242CCC500



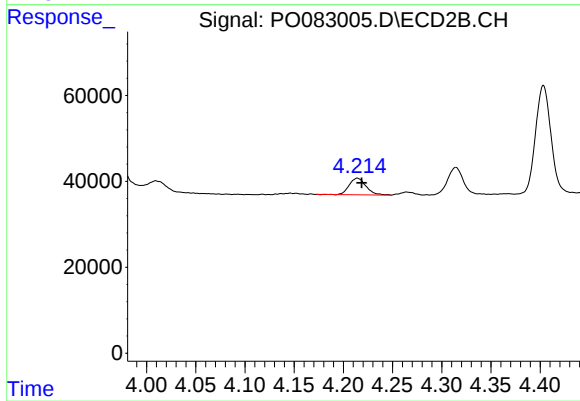
#7 AR-1016-5

R.T.: 5.707 min
Delta R.T.: -0.004 min
Response: 387222
Conc: 361.83 ng/ml



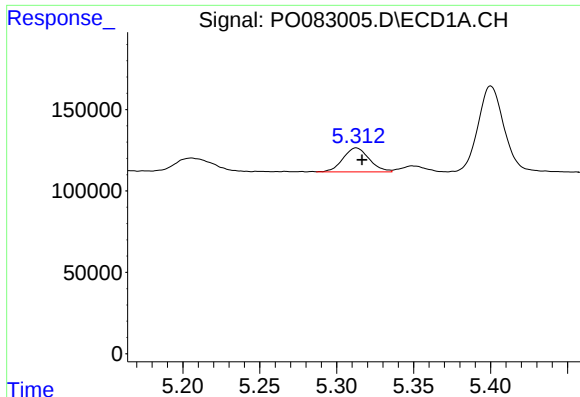
#8 AR-1221-1

R.T.: 5.206 min
Delta R.T.: -0.011 min
Response: 137159
Conc: 140.23 ng/ml



#8 AR-1221-1

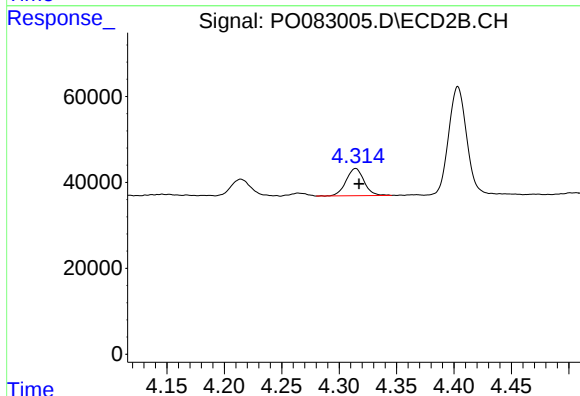
R.T.: 4.214 min
Delta R.T.: -0.005 min
Response: 46524
Conc: 112.88 ng/ml



#9 AR-1221-2

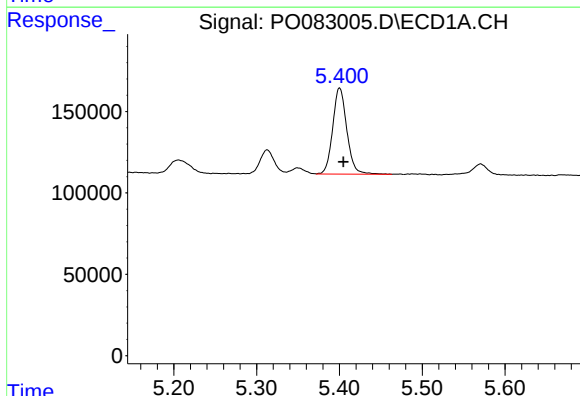
R.T.: 5.313 min
Delta R.T.: -0.004 min
Response: 174055
Conc: 252.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242CCC500



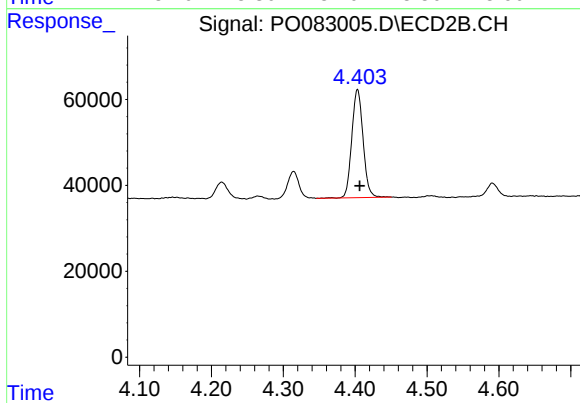
#9 AR-1221-2

R.T.: 4.315 min
Delta R.T.: -0.003 min
Response: 69381
Conc: 220.19 ng/ml



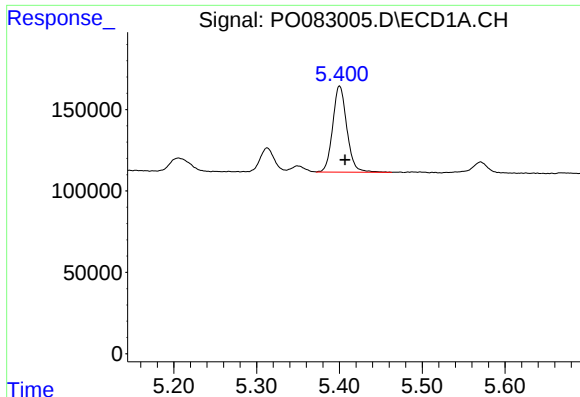
#10 AR-1221-3

R.T.: 5.400 min
Delta R.T.: -0.004 min
Response: 626897
Conc: 286.01 ng/ml



#10 AR-1221-3

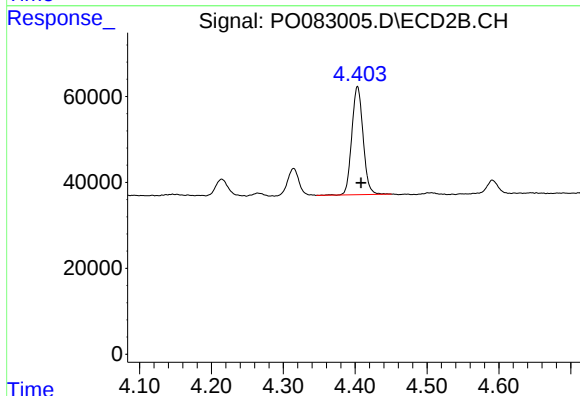
R.T.: 4.403 min
Delta R.T.: -0.003 min
Response: 274803
Conc: 277.86 ng/ml



#11 AR-1232-1

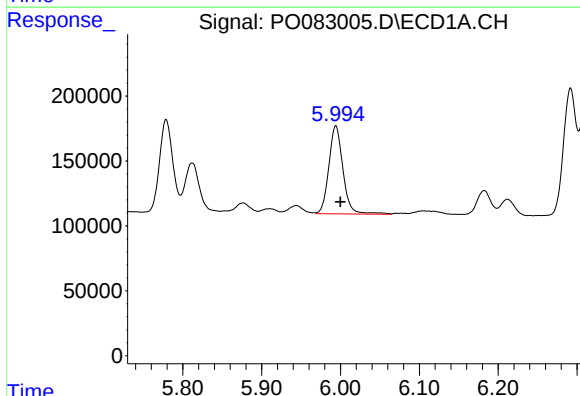
R.T.: 5.400 min
Delta R.T.: -0.006 min
Response: 626897
Conc: 357.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242CCC500



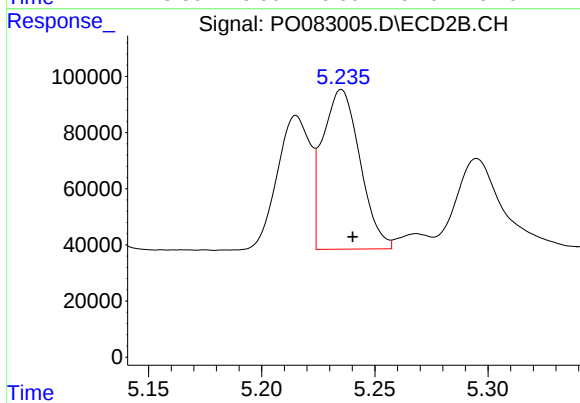
#11 AR-1232-1

R.T.: 4.403 min
Delta R.T.: -0.005 min
Response: 274803
Conc: 339.26 ng/ml



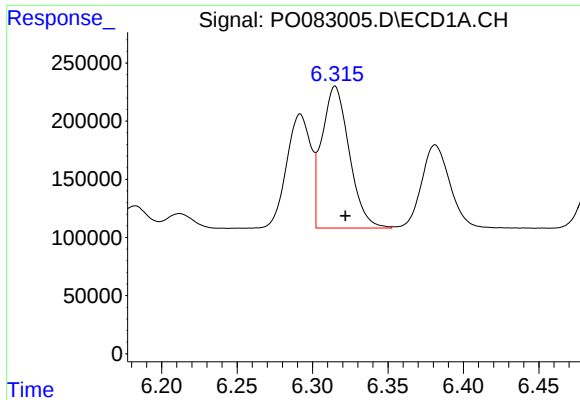
#12 AR-1232-2

R.T.: 5.994 min
Delta R.T.: -0.006 min
Response: 845355
Conc: 930.58 ng/ml



#12 AR-1232-2

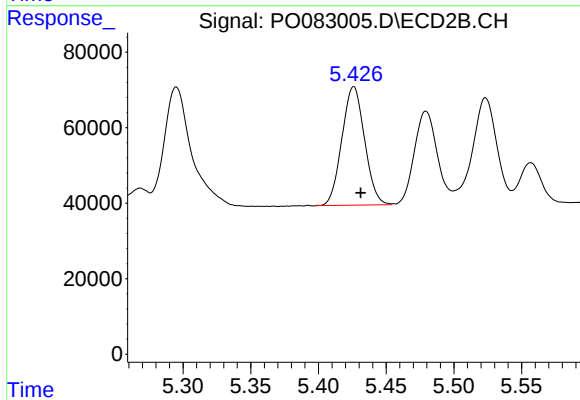
R.T.: 5.235 min
Delta R.T.: -0.005 min
Response: 652818
Conc: 819.82 ng/ml



#13 AR-1232-3

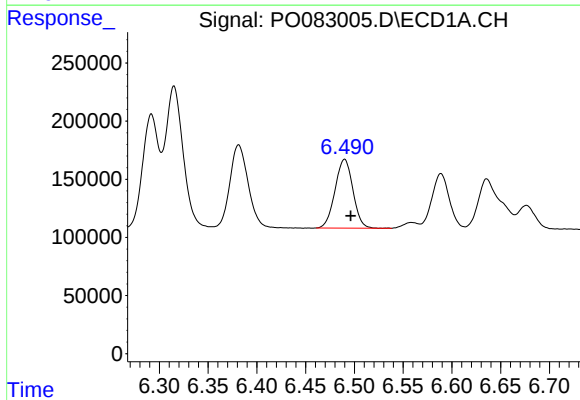
R.T.: 6.315 min
Delta R.T.: -0.007 min
Response: 1542036
Conc: 951.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242CCC500



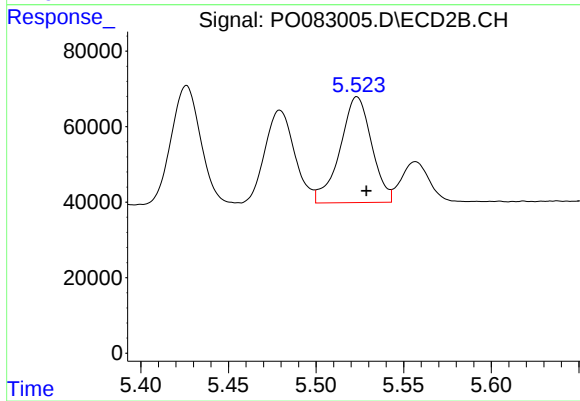
#13 AR-1232-3

R.T.: 5.426 min
Delta R.T.: -0.005 min
Response: 366250
Conc: 867.46 ng/ml



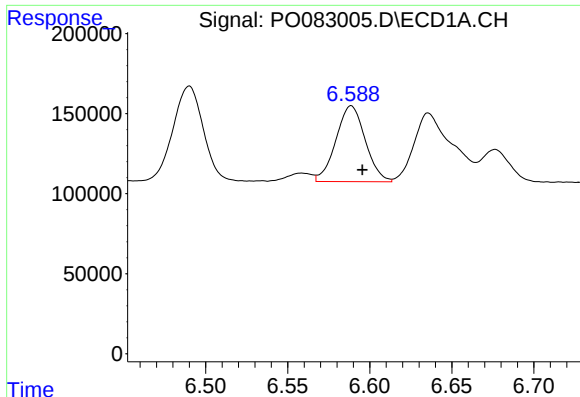
#14 AR-1232-4

R.T.: 6.490 min
Delta R.T.: -0.006 min
Response: 756082
Conc: 943.47 ng/ml



#14 AR-1232-4

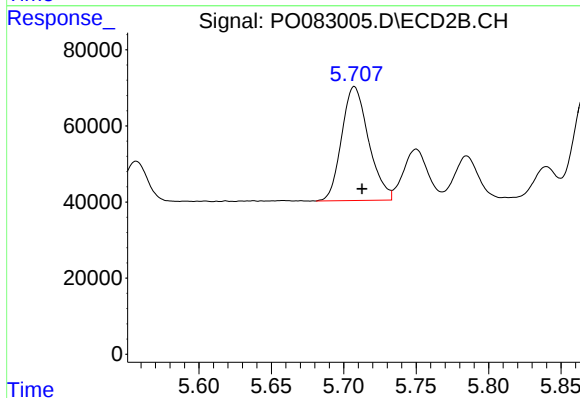
R.T.: 5.523 min
Delta R.T.: -0.005 min
Response: 352836
Conc: 965.89 ng/ml



#15 AR-1232-5

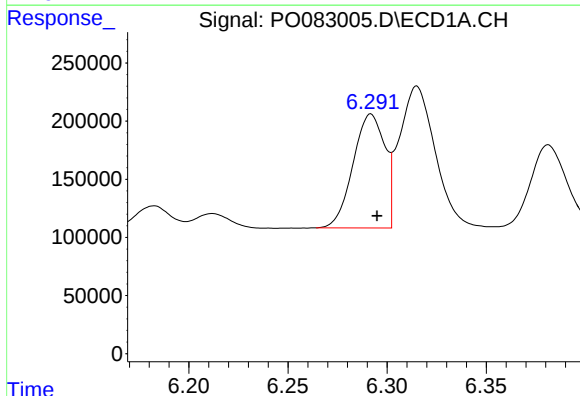
R.T.: 6.589 min
Delta R.T.: -0.007 min
Response: 590391
Conc: 1032.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242CCC500



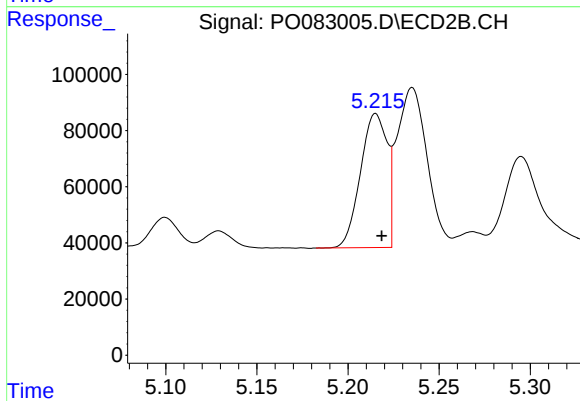
#15 AR-1232-5

R.T.: 5.707 min
Delta R.T.: -0.005 min
Response: 387222
Conc: 965.76 ng/ml



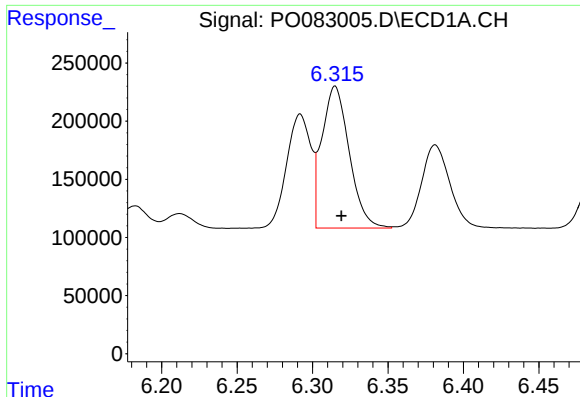
#16 AR-1242-1

R.T.: 6.292 min
Delta R.T.: -0.003 min
Response: 1092822
Conc: 510.14 ng/ml



#16 AR-1242-1

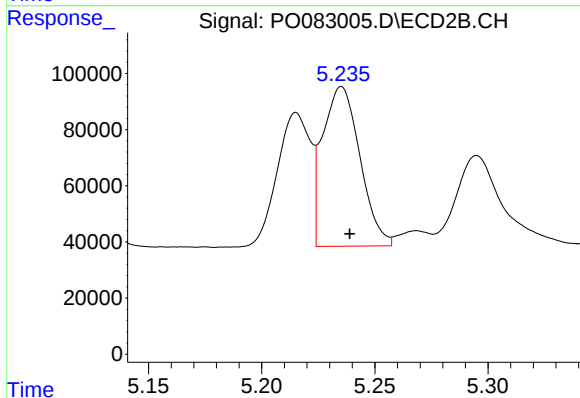
R.T.: 5.215 min
Delta R.T.: -0.003 min
Response: 486236
Conc: 464.32 ng/ml



#17 AR-1242-2

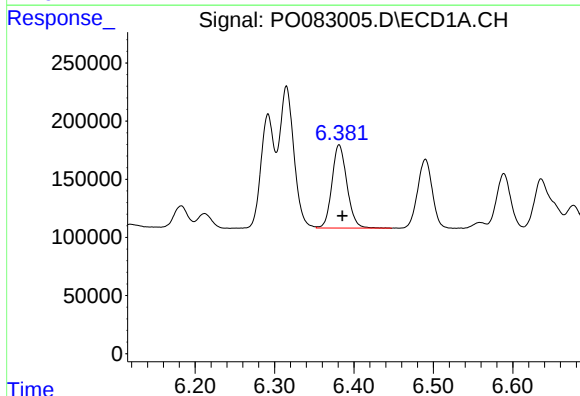
R.T.: 6.315 min
Delta R.T.: -0.004 min
Response: 1542036
Conc: 509.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242CCC500



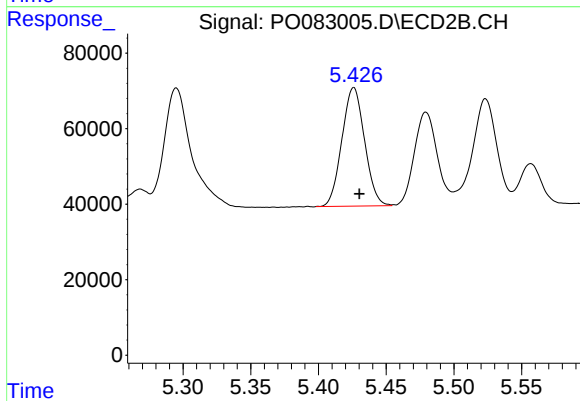
#17 AR-1242-2

R.T.: 5.235 min
Delta R.T.: -0.004 min
Response: 652818
Conc: 452.96 ng/ml



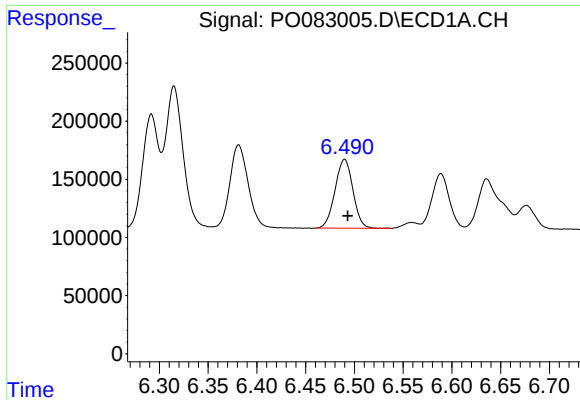
#18 AR-1242-3

R.T.: 6.381 min
Delta R.T.: -0.004 min
Response: 942755
Conc: 496.19 ng/ml



#18 AR-1242-3

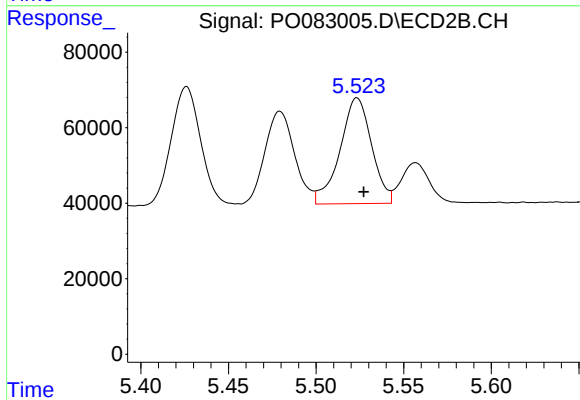
R.T.: 5.426 min
Delta R.T.: -0.004 min
Response: 366250
Conc: 470.35 ng/ml



#19 AR-1242-4

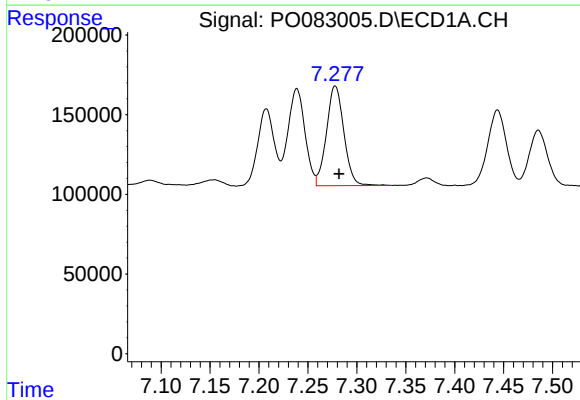
R.T.: 6.490 min
Delta R.T.: -0.003 min
Response: 756082
Conc: 503.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242CCC500



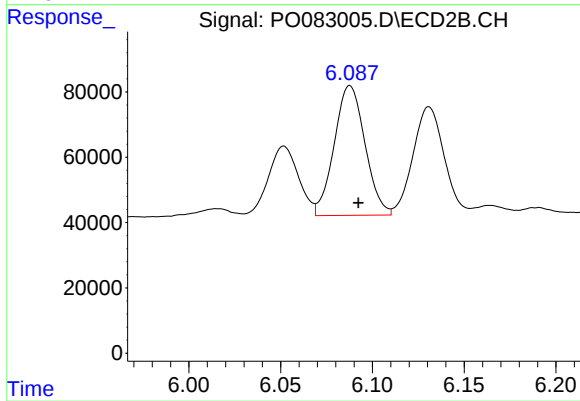
#19 AR-1242-4

R.T.: 5.523 min
Delta R.T.: -0.004 min
Response: 352836
Conc: 459.92 ng/ml



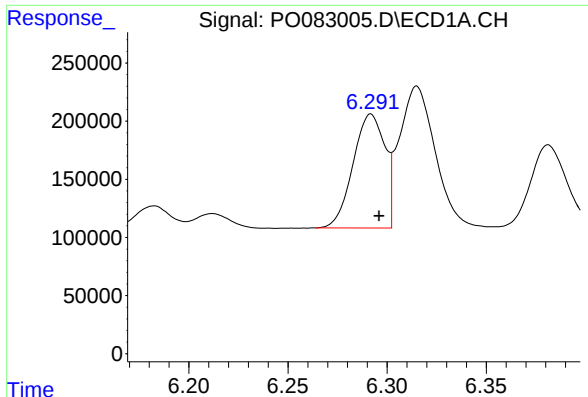
#20 AR-1242-5

R.T.: 7.278 min
Delta R.T.: -0.004 min
Response: 774040
Conc: 498.11 ng/ml



#20 AR-1242-5

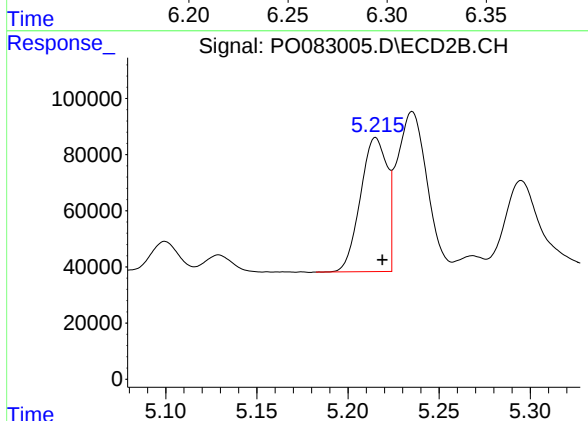
R.T.: 6.088 min
Delta R.T.: -0.005 min
Response: 463821
Conc: 462.10 ng/ml



#21 AR-1248-1

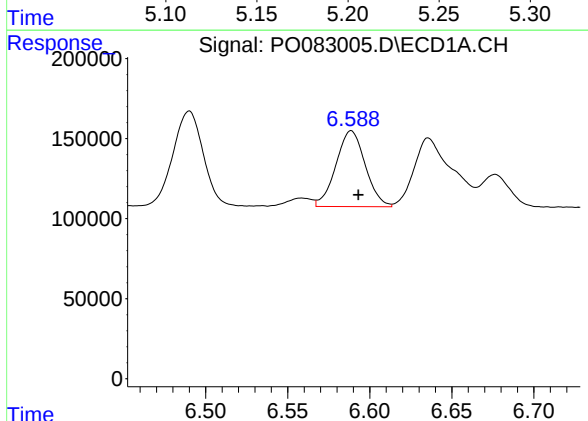
R.T.: 6.292 min
Delta R.T.: -0.004 min
Response: 1092822
Conc: 684.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242CCC500



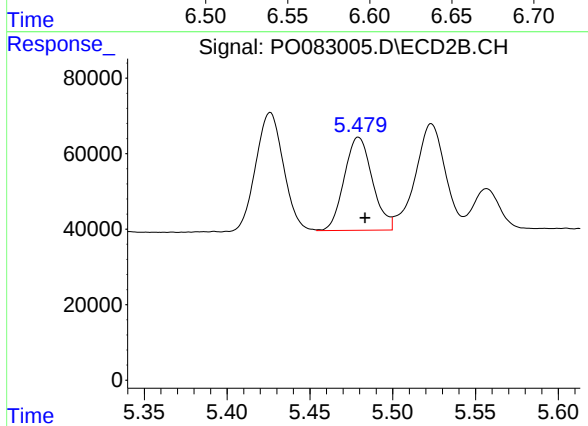
#21 AR-1248-1

R.T.: 5.215 min
Delta R.T.: -0.004 min
Response: 486236
Conc: 620.44 ng/ml



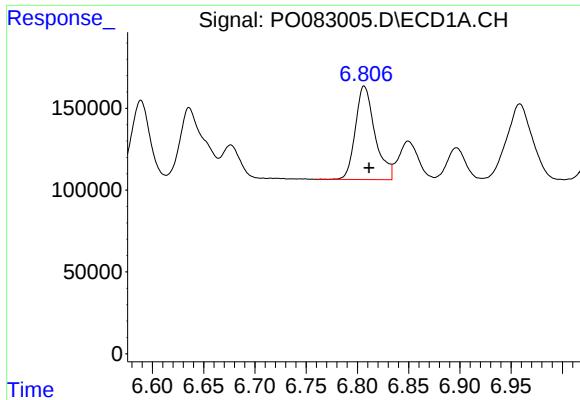
#22 AR-1248-2

R.T.: 6.589 min
Delta R.T.: -0.004 min
Response: 590391
Conc: 275.95 ng/ml



#22 AR-1248-2

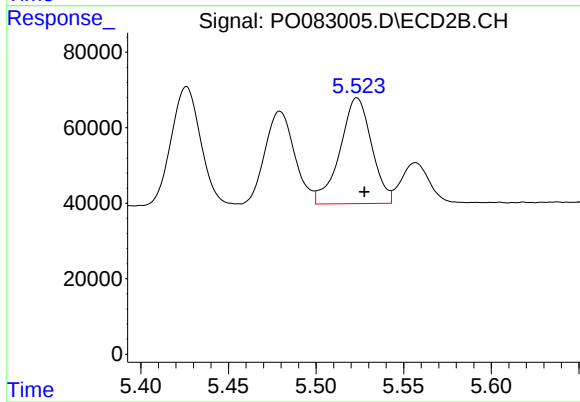
R.T.: 5.479 min
Delta R.T.: -0.004 min
Response: 292250
Conc: 265.11 ng/ml



#23 AR-1248-3

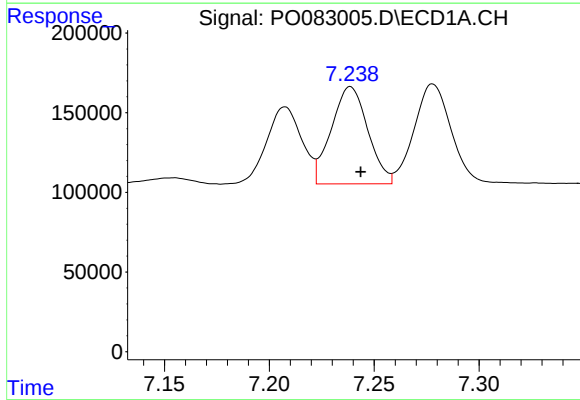
R.T.: 6.807 min
Delta R.T.: -0.005 min
Response: 761274
Conc: 302.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242CCC500



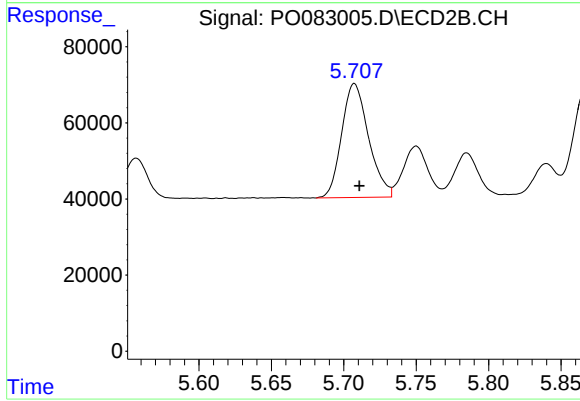
#23 AR-1248-3

R.T.: 5.523 min
Delta R.T.: -0.004 min
Response: 352836
Conc: 318.89 ng/ml



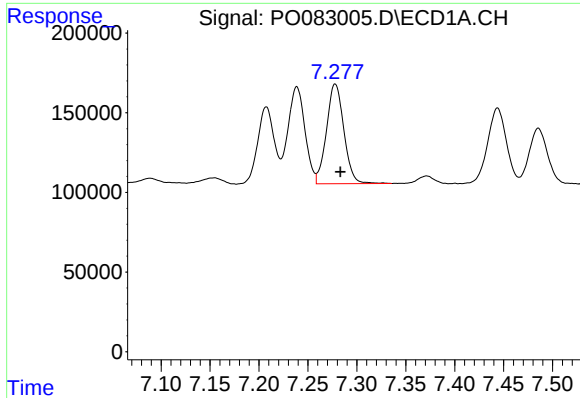
#24 AR-1248-4

R.T.: 7.239 min
Delta R.T.: -0.005 min
Response: 740502
Conc: 281.88 ng/ml



#24 AR-1248-4

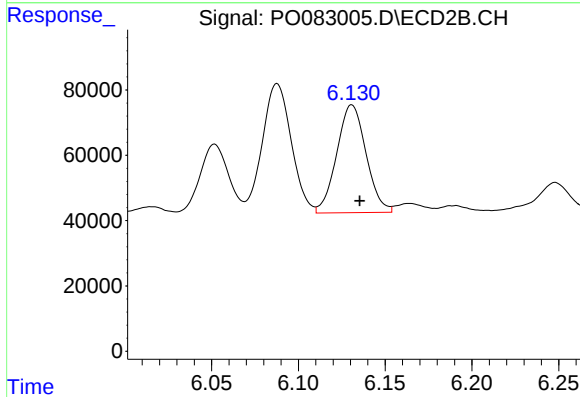
R.T.: 5.707 min
Delta R.T.: -0.004 min
Response: 387222
Conc: 296.72 ng/ml



#25 AR-1248-5

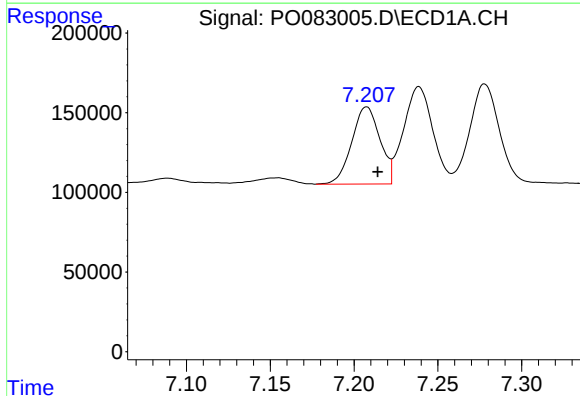
R.T.: 7.278 min
Delta R.T.: -0.005 min
Response: 774040
Conc: 298.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242CCC500



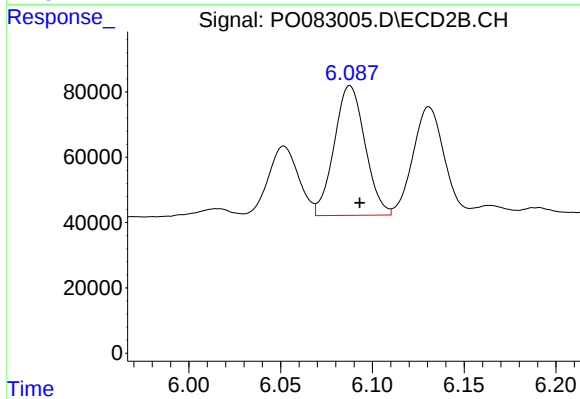
#25 AR-1248-5

R.T.: 6.131 min
Delta R.T.: -0.004 min
Response: 389189
Conc: 288.49 ng/ml



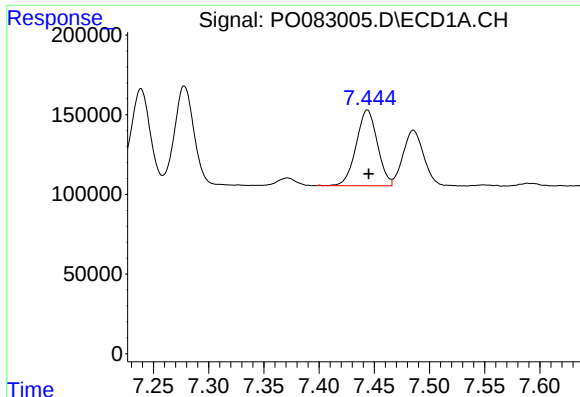
#26 AR-1254-1

R.T.: 7.207 min
Delta R.T.: -0.007 min
Response: 567129
Conc: 202.89 ng/ml



#26 AR-1254-1

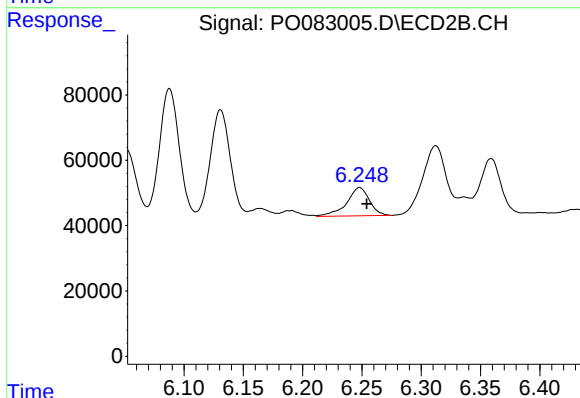
R.T.: 6.088 min
Delta R.T.: -0.005 min
Response: 463821
Conc: 224.94 ng/ml



#27 AR-1254-2

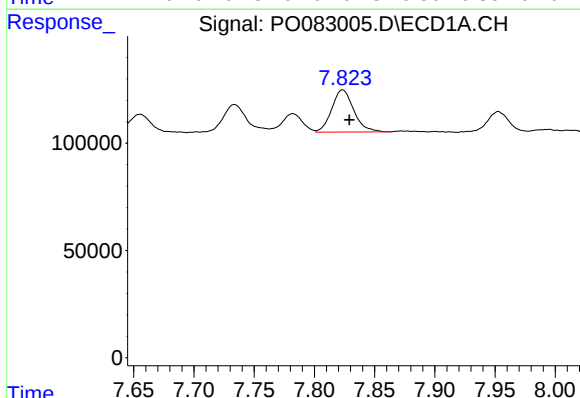
R.T.: 7.444 min
Delta R.T.: -0.001 min
Response: 637185
Conc: 150.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242CCC500



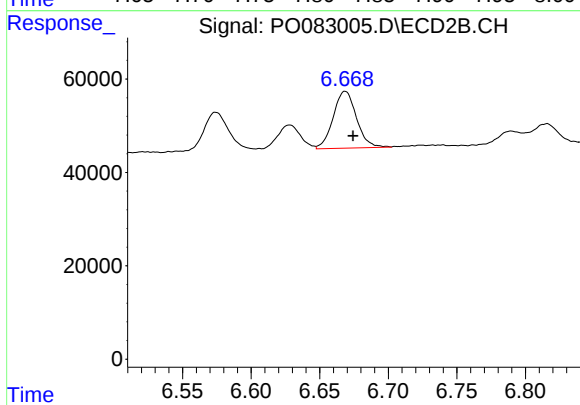
#27 AR-1254-2

R.T.: 6.248 min
Delta R.T.: -0.006 min
Response: 115621
Conc: 64.05 ng/ml



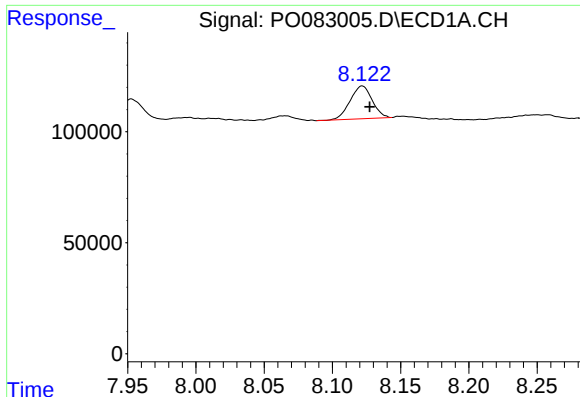
#28 AR-1254-3

R.T.: 7.824 min
Delta R.T.: -0.006 min
Response: 250489
Conc: 58.87 ng/ml



#28 AR-1254-3

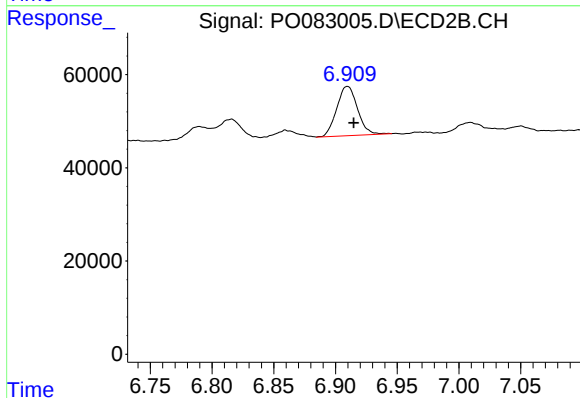
R.T.: 6.669 min
Delta R.T.: -0.006 min
Response: 143978
Conc: 51.94 ng/ml



#29 AR-1254-4

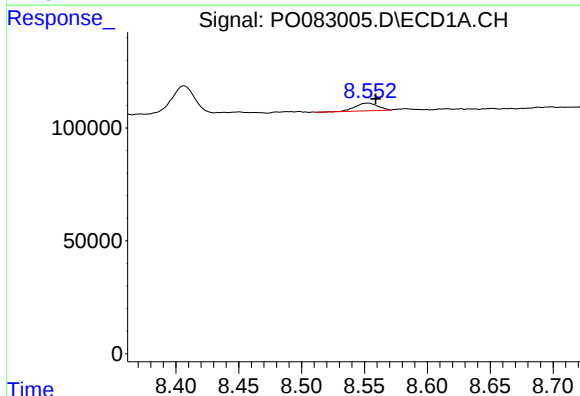
R.T.: 8.122 min
Delta R.T.: -0.006 min
Response: 165915
Conc: 55.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242CCC500



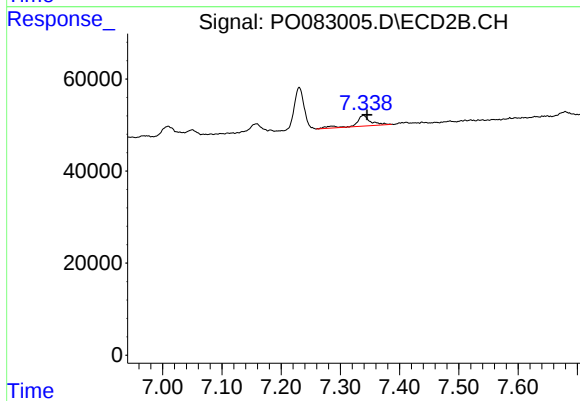
#29 AR-1254-4

R.T.: 6.910 min
Delta R.T.: -0.005 min
Response: 123708
Conc: 61.72 ng/ml



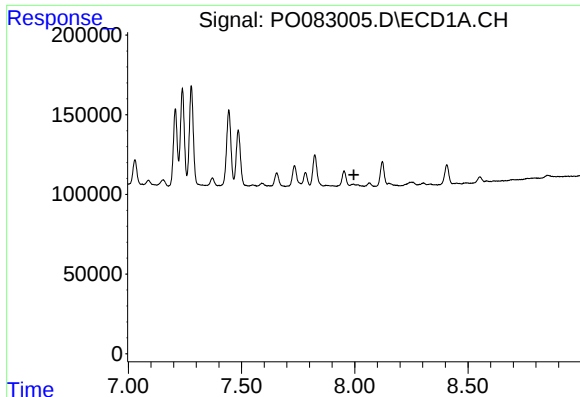
#30 AR-1254-5

R.T.: 8.553 min
Delta R.T.: -0.006 min
Response: 42971
Conc: 13.88 ng/ml



#30 AR-1254-5

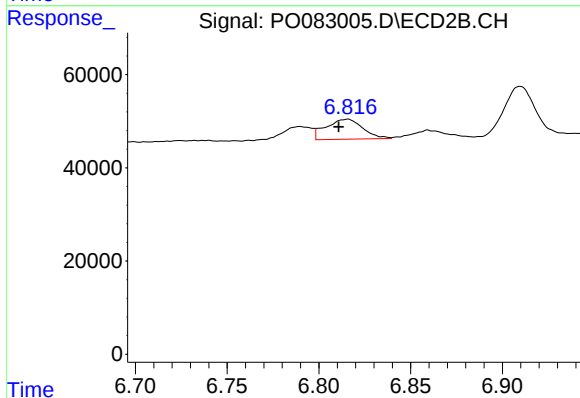
R.T.: 7.339 min
Delta R.T.: -0.006 min
Response: 40209
Conc: 15.90 ng/ml



#31 AR-1260-1

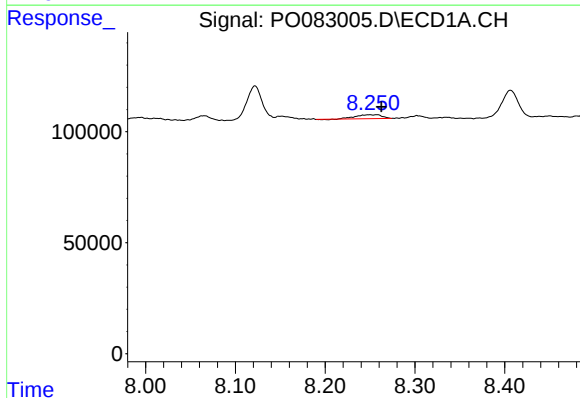
R.T.: 0.000 min
Exp R.T.: 7.996 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1242CCC500



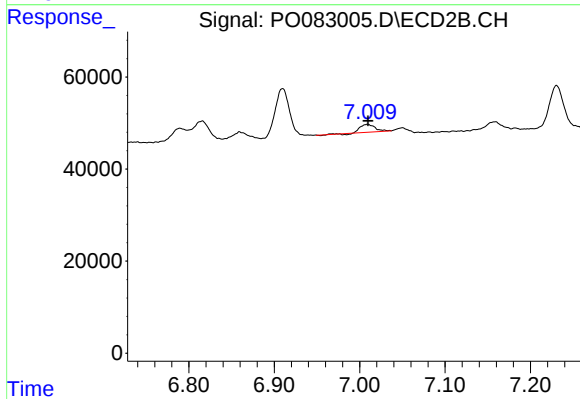
#31 AR-1260-1

R.T.: 6.816 min
Delta R.T.: 0.005 min
Response: 59744
Conc: 31.00 ng/ml



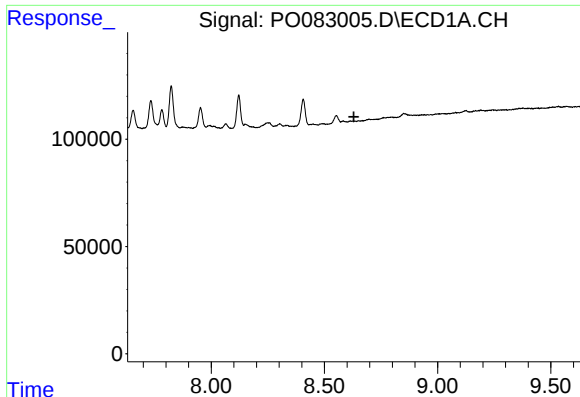
#32 AR-1260-2

R.T.: 8.250 min
Delta R.T.: -0.013 min
Response: 34904
Conc: 9.50 ng/ml



#32 AR-1260-2

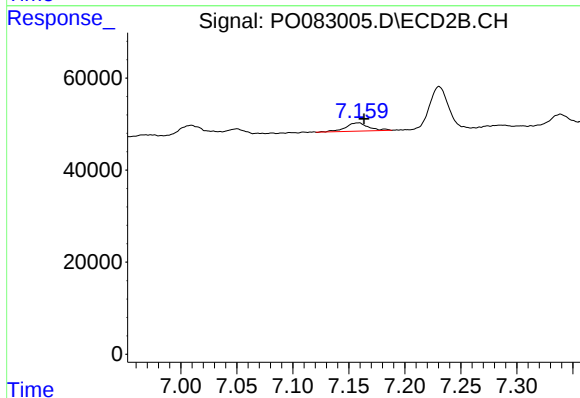
R.T.: 7.009 min
Delta R.T.: 0.000 min
Response: 19891
Conc: 7.82 ng/ml



#33 AR-1260-3

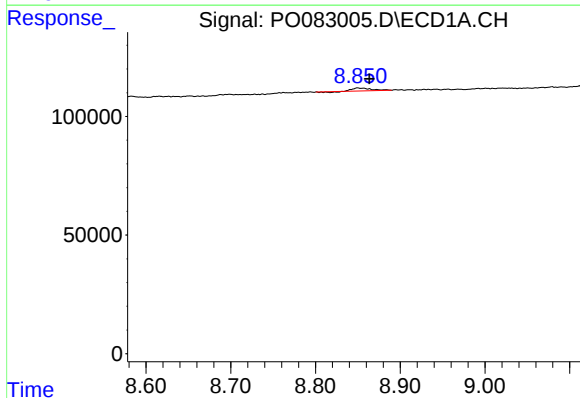
R.T.: 0.000 min
Exp R.T.: 8.630 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1242CCC500



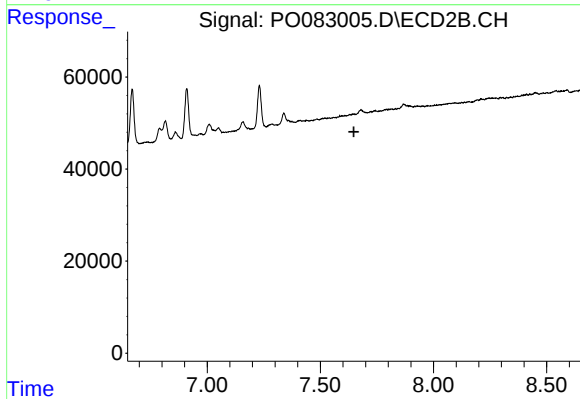
#33 AR-1260-3

R.T.: 7.159 min
Delta R.T.: -0.005 min
Response: 25614
Conc: 11.51 ng/ml



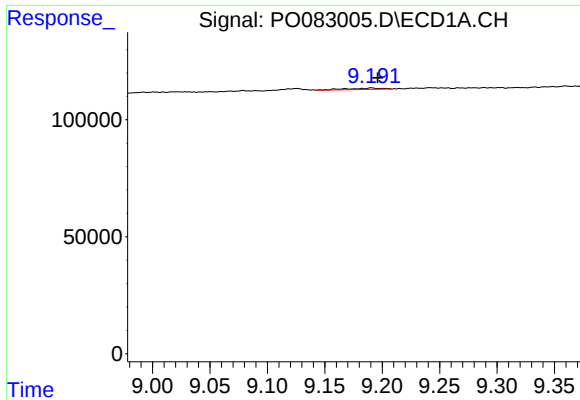
#34 AR-1260-4

R.T.: 8.850 min
Delta R.T.: -0.014 min
Response: 17572
Conc: 5.58 ng/ml



#34 AR-1260-4

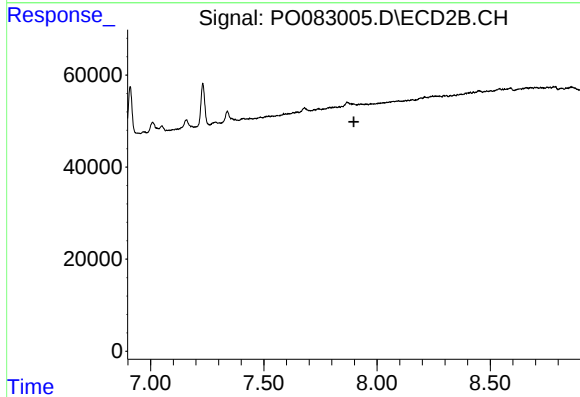
R.T.: 0.000 min
Exp R.T.: 7.648 min
Response: 0
Conc: N.D.



#35 AR-1260-5

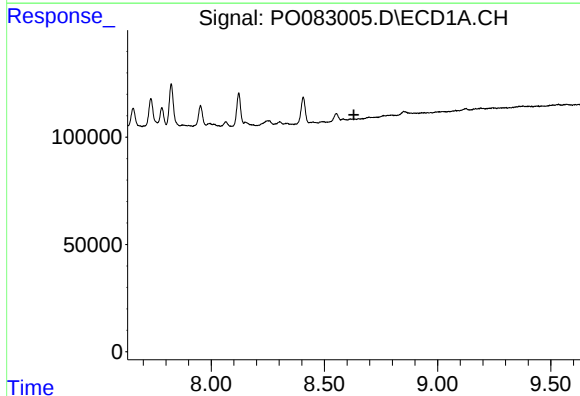
R.T.: 9.191 min
Delta R.T.: -0.005 min
Response: 12346
Conc: 1.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242CCC500



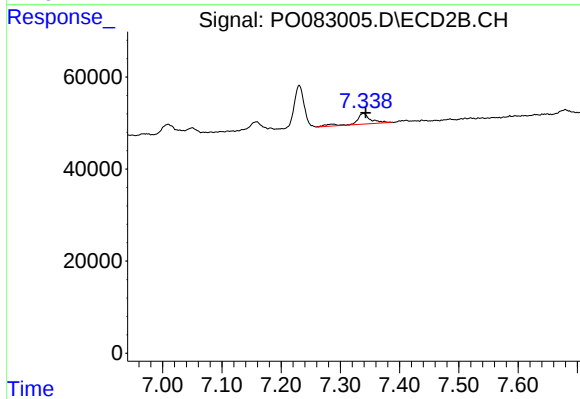
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.898 min
Response: 0
Conc: N.D.



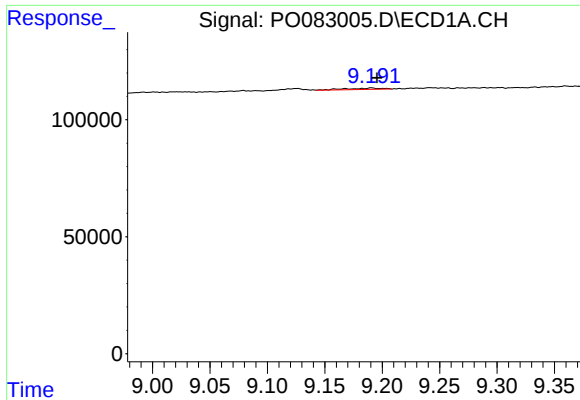
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.631 min
Response: 0
Conc: N.D.



#36 AR-1262-1

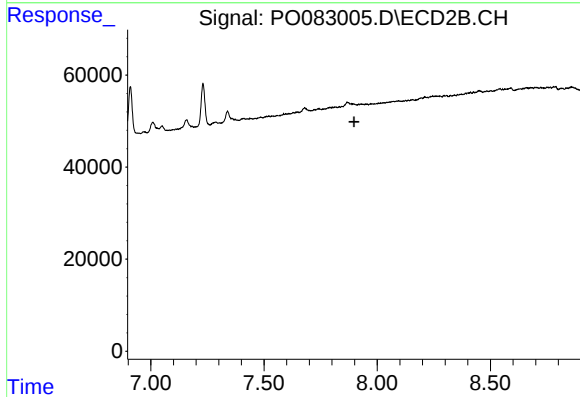
R.T.: 7.339 min
Delta R.T.: -0.004 min
Response: 40209
Conc: 30.59 ng/ml



#37 AR-1262-2

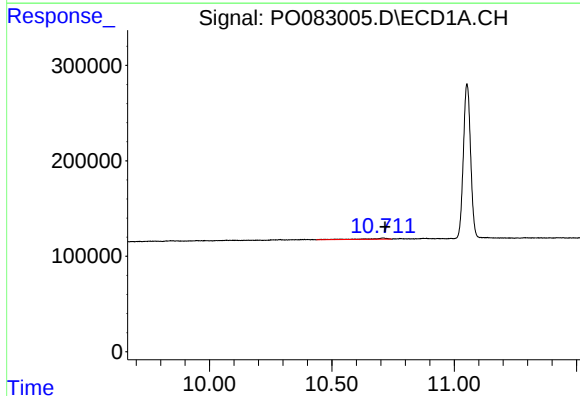
R.T.: 9.191 min
Delta R.T.: -0.005 min
Response: 12346
Conc: 1.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242CCC500



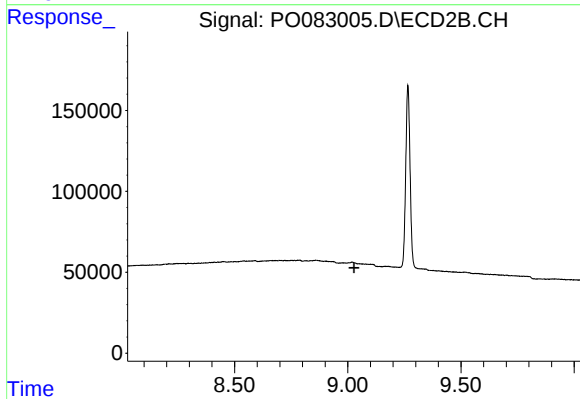
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.897 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.710 min
Delta R.T.: -0.007 min
Response: 64151
Conc: 2.96 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.027 min
Response: 0
Conc: N.D.