

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0011921\
 Data File : P0074946.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 19 Jan 2021 15:18
 Operator : AJ/MA
 Sample : M1108-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 20 03:47:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0011121.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 12 06:02:45 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...	4.929	4.002	2311185	1251131	21.903	22.241
2)	SA Decachlor...	10.943	9.254	8454027	3951352	83.297	71.968
Target Compounds							
3)	L1 AR-1016-1	0.000	5.267	0	26926	N.D.	11.772 #
4)	L1 AR-1016-2	6.305f	5.267	78061	26926	13.707	8.521 #
6)	L1 AR-1016-4	0.000	5.507	0	160272	N.D.	114.039 #
7)	L1 AR-1016-5	6.766	5.734	142925	87972	52.257	51.159
8)	L2 AR-1221-1	5.184	4.248f	76784	28615	62.512	40.274 #
9)	L2 AR-1221-2	0.000	4.350	0	26532	N.D.	49.645 #
10)	L2 AR-1221-3	5.381	4.442	103551	93714	36.756	58.608 #
11)	L3 AR-1232-1	5.381	4.442	103551	93714	45.214	71.493 #
12)	L3 AR-1232-2	0.000	5.267	0	26926	N.D.	19.941 #
13)	L3 AR-1232-3	6.305f	0.000	78061	0	32.351	N.D. #
14)	L3 AR-1232-4	0.000	5.551	0	37397	N.D.	58.805 #
15)	L3 AR-1232-5	6.547	5.734	298081	87972	366.348	126.688 #
16)	L4 AR-1242-1	0.000	5.267	0	26926	N.D.	14.608 #
17)	L4 AR-1242-2	6.305f	5.267	78061	26926	17.297	10.696 #
19)	L4 AR-1242-4	0.000	5.551	0	37397	N.D.	28.614 #
20)	L4 AR-1242-5	7.237	6.111	446313	914232	177.356	522.170 #
21)	L5 AR-1248-1	0.000	5.267f	0	26926	N.D.	19.578 #
22)	L5 AR-1248-2	6.547	5.507	298081	160272	95.844	85.281
23)	L5 AR-1248-3	6.766	5.551	142925	37397	39.468	19.812 #
24)	L5 AR-1248-4	7.195	5.734	634104	87972	142.192	39.058 #
25)	L5 AR-1248-5	7.237	6.152	446313	136215	105.908	57.939 #
26)	L6 AR-1254-1	7.165	6.111	1383016	914232	314.455	253.109
27)	L6 AR-1254-2	7.395	6.269	2699959	1087838	396.425	349.053
28)	L6 AR-1254-3	7.777	6.686	3212236	2009402	457.953	409.754
29)	L6 AR-1254-4	8.074	6.924	2987284	1476579	492.571	425.799
30)	L6 AR-1254-5	8.503	7.350	3951917	2115886	680.317	467.502 #
31)	L7 AR-1260-1	7.945	6.823	1569485	1144074	314.606	358.612
32)	L7 AR-1260-2	8.210	7.018	2318023	1124619	340.780	264.551
33)	L7 AR-1260-3	8.577	7.170	5504998	1086231	960.443	301.440 #
34)	L7 AR-1260-4	8.824	7.649	11833328	4736830	2162.796	1512.725 #
35)	L7 AR-1260-5	9.134	7.897	2490920	1318224	199.354	165.842
36)	L8 AR-1262-1	8.577	7.350	5504998	2115886	618.249	831.527 #
37)	L8 AR-1262-2	9.134	7.897	2490920	1318224	162.696	143.373
38)	L8 AR-1262-3	9.443	8.182	43034942	18918869	4296.709	4784.356
39)	L8 AR-1262-4	9.540	8.246	29564292	14530523	3969.776	2193.217 #
40)	L8 AR-1262-5	10.202	8.739	7450369	3571535	1424.114	1156.801
41)	L9 AR-1268-1	9.443	8.182	43034942	18918869	2303.373	1689.977 #
42)	L9 AR-1268-2	9.540	8.246	29564292	14530523	1852.988	1518.784
43)	L9 AR-1268-3	9.763	8.451	28376929	13167707	1998.095	1584.779

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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	10.202	8.739	7450369	3571535	1271.711	1029.513
45) L9	AR-1268-5	10.612	9.016	78109831	36731560	1869.183	1551.240

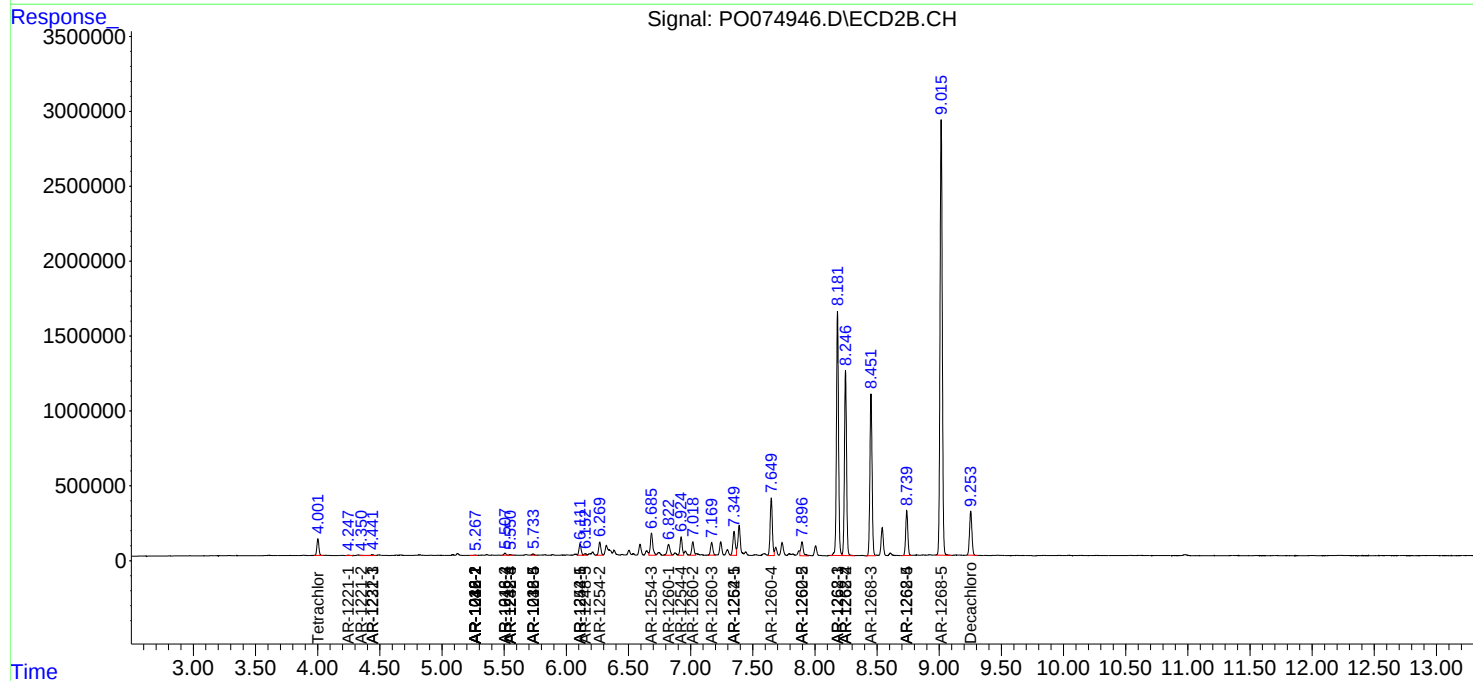
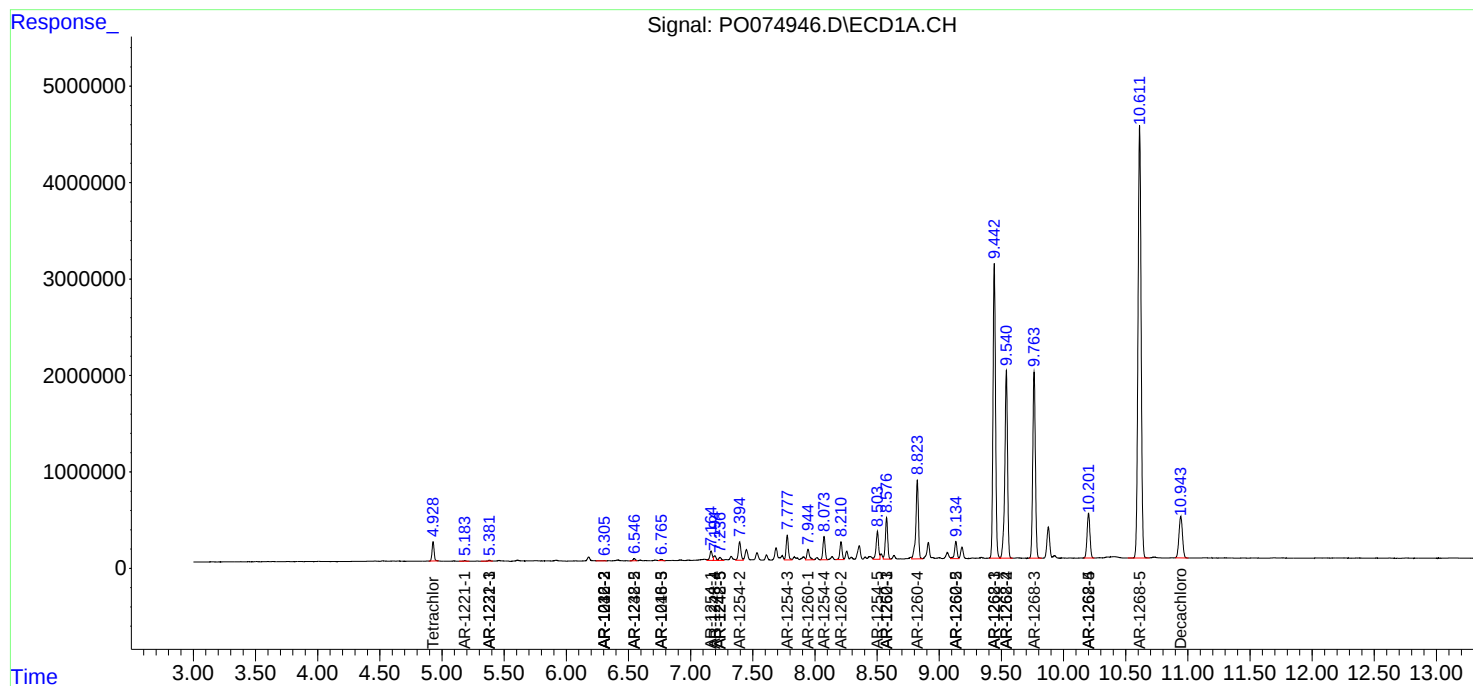
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

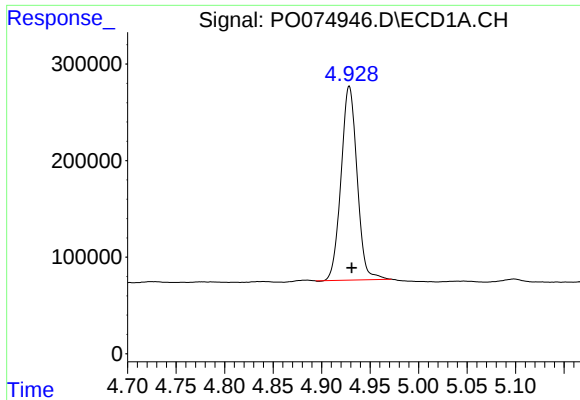
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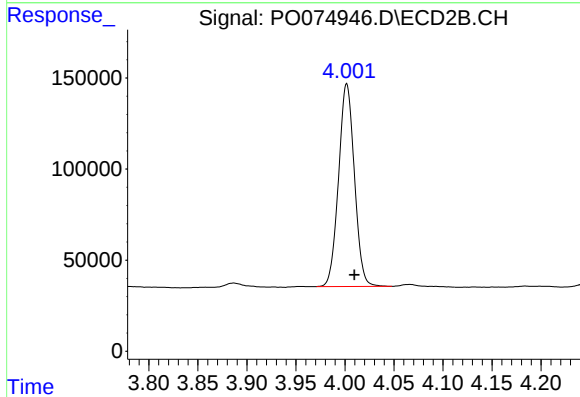




#1 Tetrachloro-m-xylene

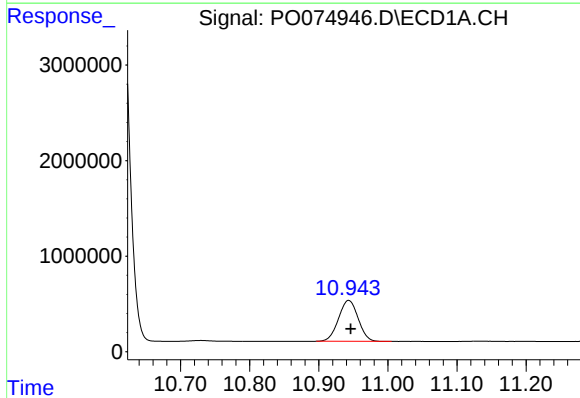
R.T.: 4.929 min
Delta R.T.: -0.002 min
Response: 2311185
Conc: 21.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



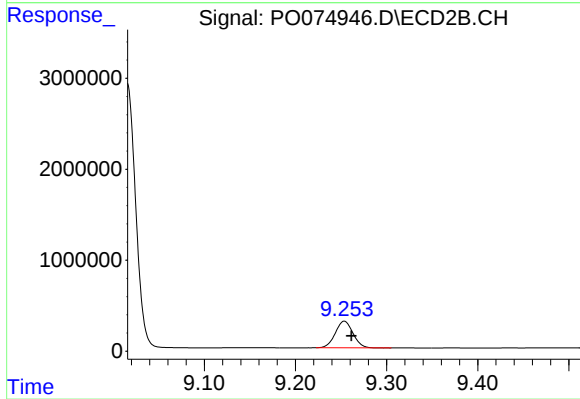
#1 Tetrachloro-m-xylene

R.T.: 4.002 min
Delta R.T.: -0.008 min
Response: 1251131
Conc: 22.24 ng/ml



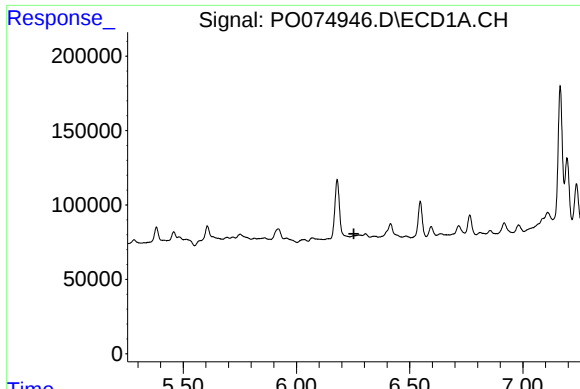
#2 Decachlorobiphenyl

R.T.: 10.943 min
Delta R.T.: -0.003 min
Response: 8454027
Conc: 83.30 ng/ml



#2 Decachlorobiphenyl

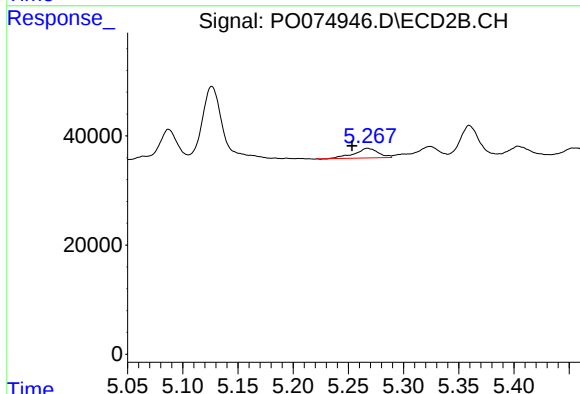
R.T.: 9.254 min
Delta R.T.: -0.008 min
Response: 3951352
Conc: 71.97 ng/ml



#3 AR-1016-1

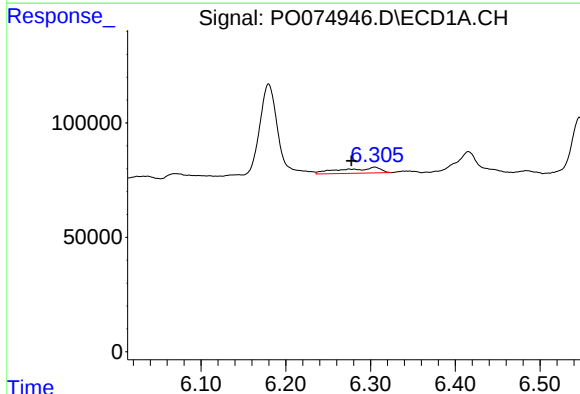
R.T.: 0.000 min
Exp R.T.: 6.254 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



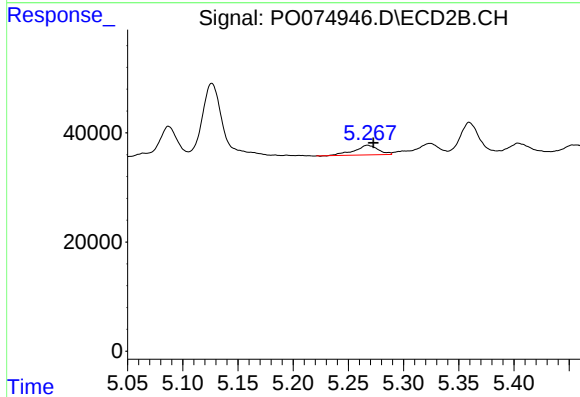
#3 AR-1016-1

R.T.: 5.267 min
Delta R.T.: 0.014 min
Response: 26926
Conc: 11.77 ng/ml



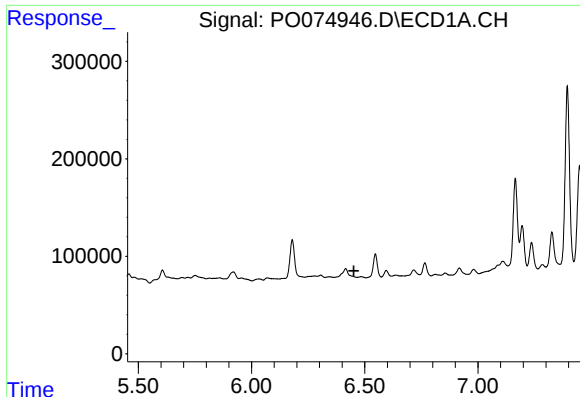
#4 AR-1016-2

R.T.: 6.305 min
Delta R.T.: 0.028 min
Response: 78061
Conc: 13.71 ng/ml



#4 AR-1016-2

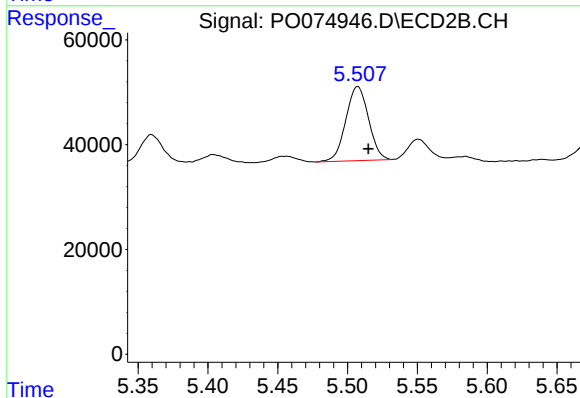
R.T.: 5.267 min
Delta R.T.: -0.005 min
Response: 26926
Conc: 8.52 ng/ml



#6 AR-1016-4

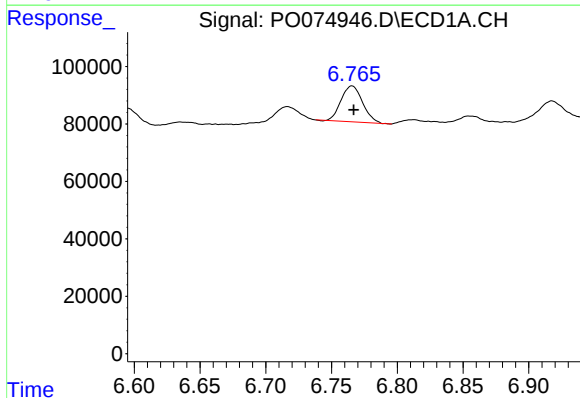
R.T.: 0.000 min
Exp R.T.: 6.452 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



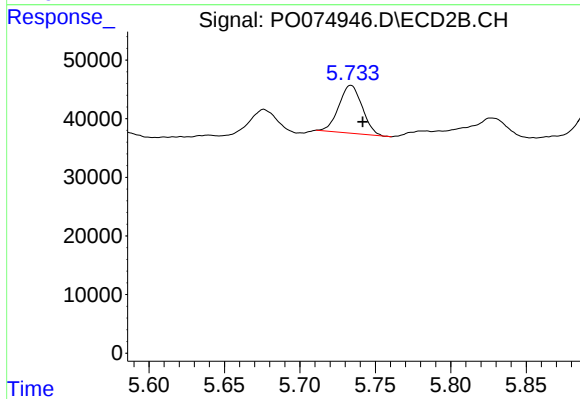
#6 AR-1016-4

R.T.: 5.507 min
Delta R.T.: -0.008 min
Response: 160272
Conc: 114.04 ng/ml



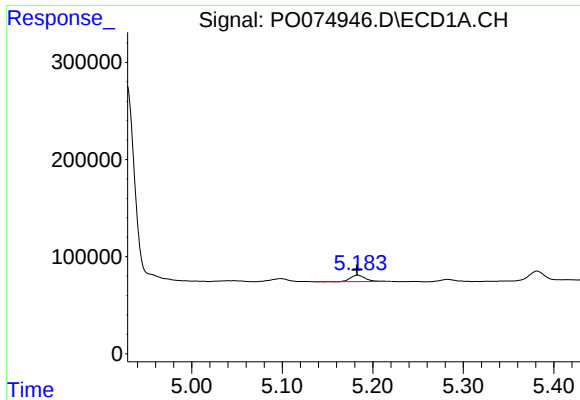
#7 AR-1016-5

R.T.: 6.766 min
Delta R.T.: -0.001 min
Response: 142925
Conc: 52.26 ng/ml



#7 AR-1016-5

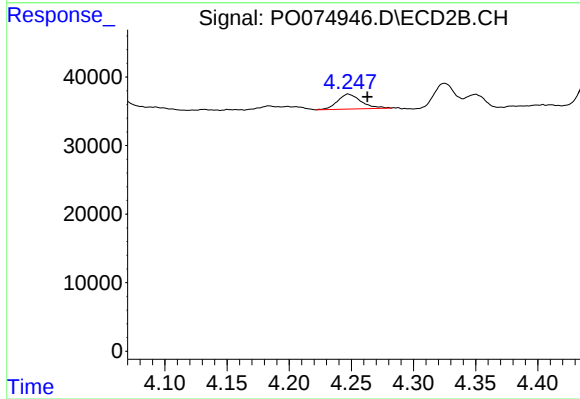
R.T.: 5.734 min
Delta R.T.: -0.008 min
Response: 87972
Conc: 51.16 ng/ml



#8 AR-1221-1

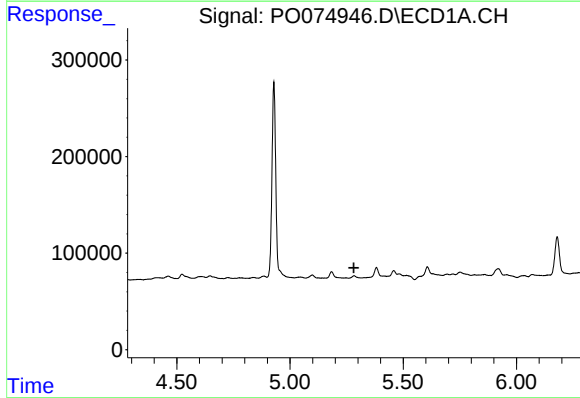
R.T.: 5.184 min
Delta R.T.: 0.000 min
Response: 76784
Conc: 62.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



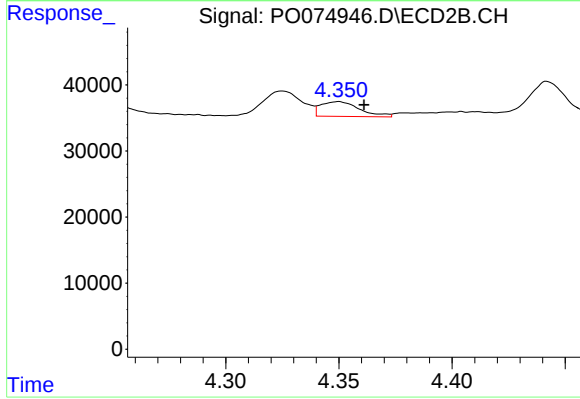
#8 AR-1221-1

R.T.: 4.248 min
Delta R.T.: -0.015 min
Response: 28615
Conc: 40.27 ng/ml



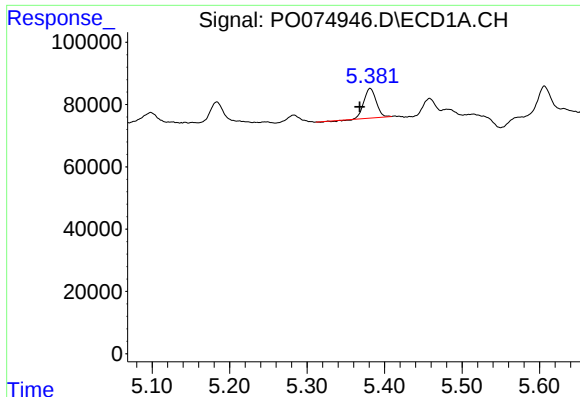
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 5.282 min
Response: 0
Conc: N.D.



#9 AR-1221-2

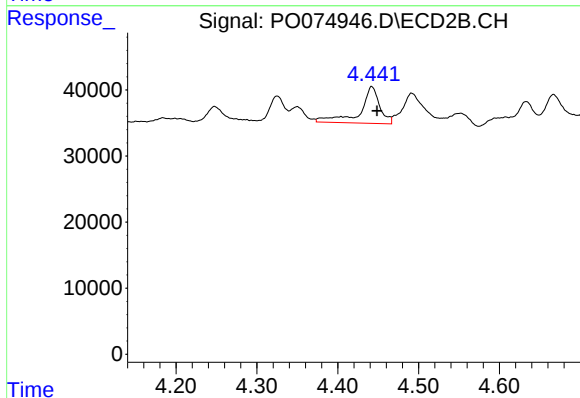
R.T.: 4.350 min
Delta R.T.: -0.011 min
Response: 26532
Conc: 49.64 ng/ml



#10 AR-1221-3

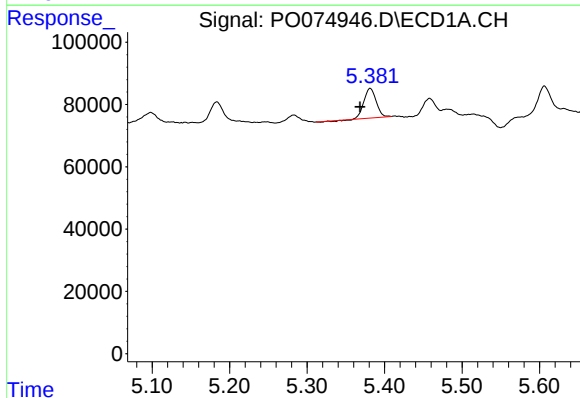
R.T.: 5.381 min
Delta R.T.: 0.013 min
Response: 103551
Conc: 36.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



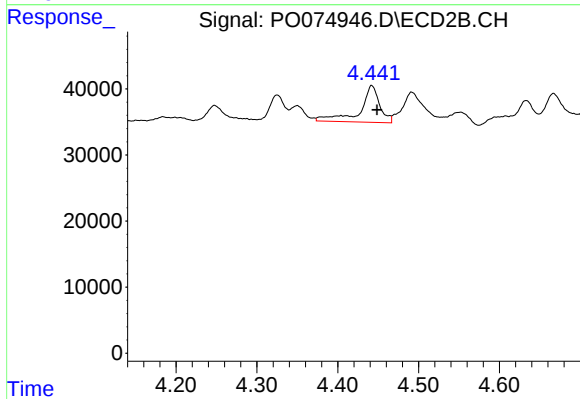
#10 AR-1221-3

R.T.: 4.442 min
Delta R.T.: -0.007 min
Response: 93714
Conc: 58.61 ng/ml



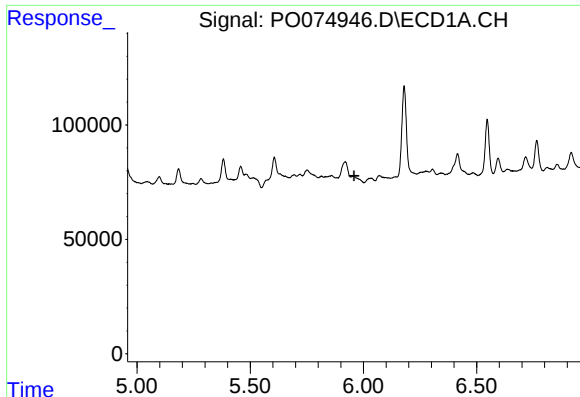
#11 AR-1232-1

R.T.: 5.381 min
Delta R.T.: 0.013 min
Response: 103551
Conc: 45.21 ng/ml



#11 AR-1232-1

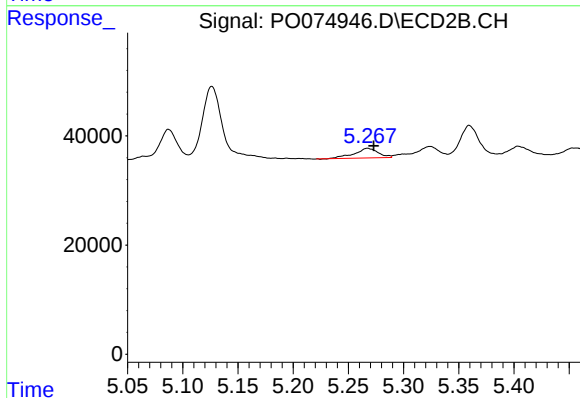
R.T.: 4.442 min
Delta R.T.: -0.006 min
Response: 93714
Conc: 71.49 ng/ml



#12 AR-1232-2

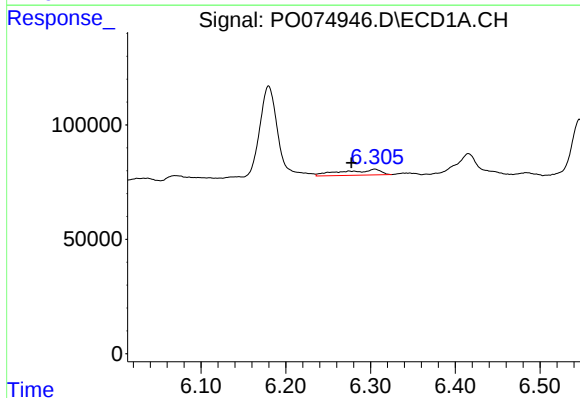
R.T.: 0.000 min
Exp R.T.: 5.958 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



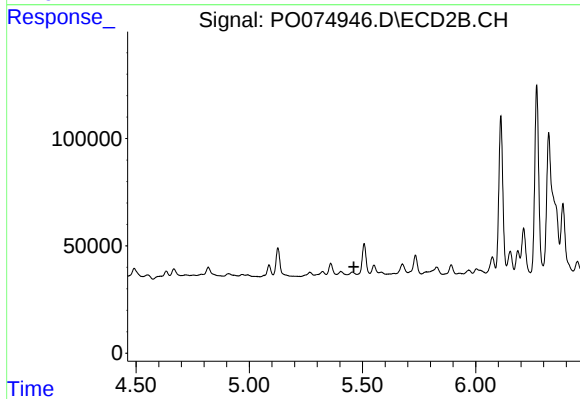
#12 AR-1232-2

R.T.: 5.267 min
Delta R.T.: -0.005 min
Response: 26926
Conc: 19.94 ng/ml



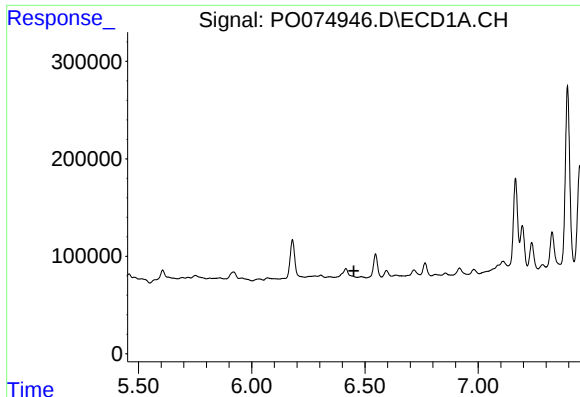
#13 AR-1232-3

R.T.: 6.305 min
Delta R.T.: 0.028 min
Response: 78061
Conc: 32.35 ng/ml



#13 AR-1232-3

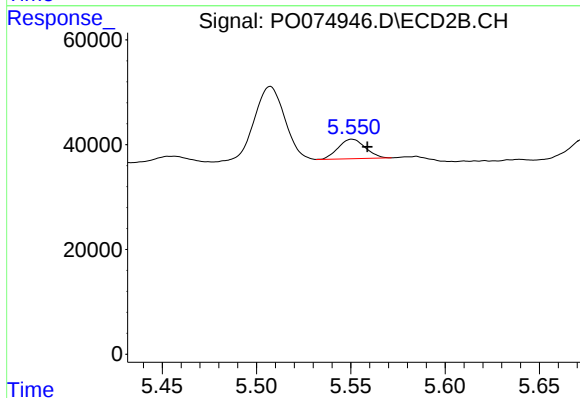
R.T.: 0.000 min
Exp R.T.: 5.462 min
Response: 0
Conc: N.D.



#14 AR-1232-4

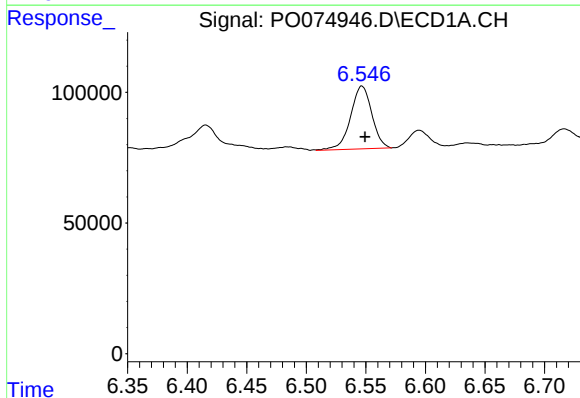
R.T.: 0.000 min
Exp R.T.: 6.451 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



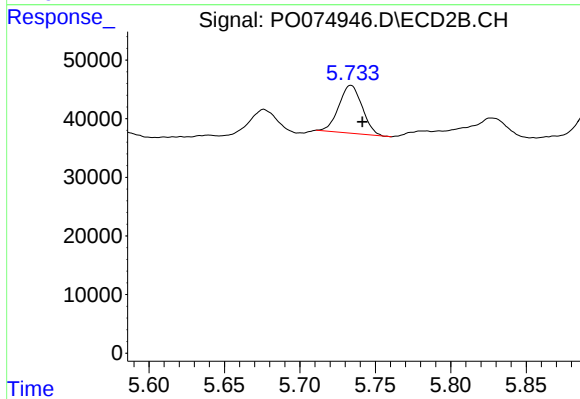
#14 AR-1232-4

R.T.: 5.551 min
Delta R.T.: -0.008 min
Response: 37397
Conc: 58.80 ng/ml



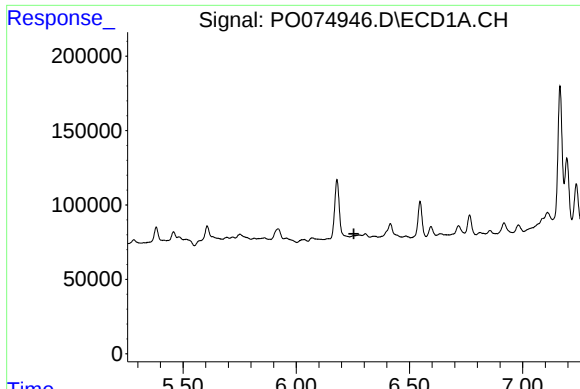
#15 AR-1232-5

R.T.: 6.547 min
Delta R.T.: -0.003 min
Response: 298081
Conc: 366.35 ng/ml



#15 AR-1232-5

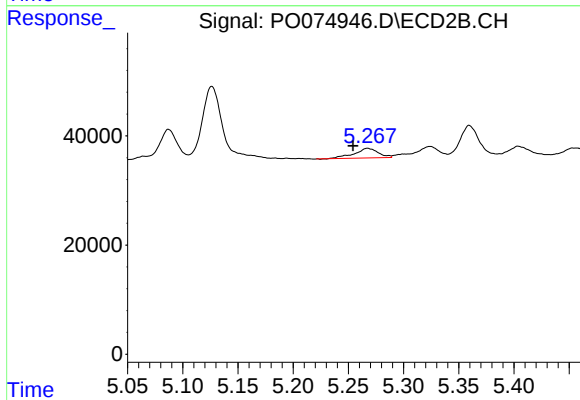
R.T.: 5.734 min
Delta R.T.: -0.008 min
Response: 87972
Conc: 126.69 ng/ml



#16 AR-1242-1

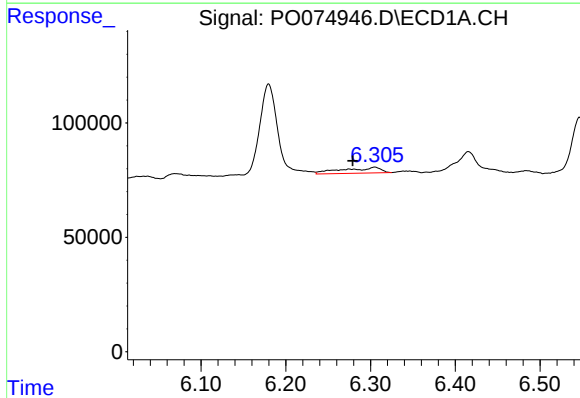
R.T.: 0.000 min
Exp R.T.: 6.255 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



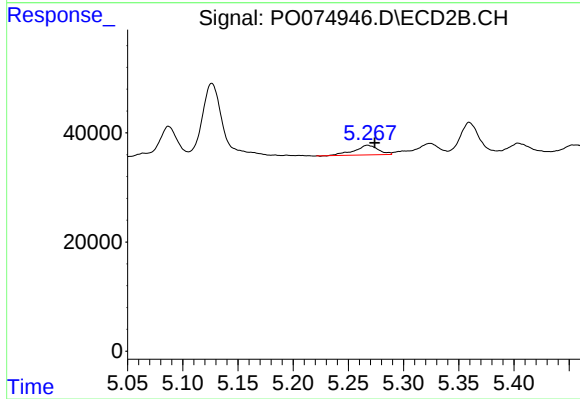
#16 AR-1242-1

R.T.: 5.267 min
Delta R.T.: 0.013 min
Response: 26926
Conc: 14.61 ng/ml



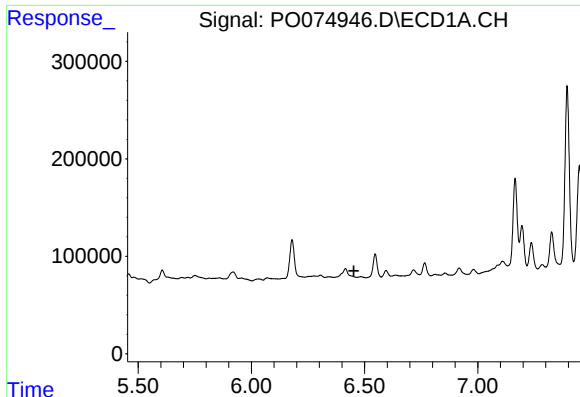
#17 AR-1242-2

R.T.: 6.305 min
Delta R.T.: 0.026 min
Response: 78061
Conc: 17.30 ng/ml



#17 AR-1242-2

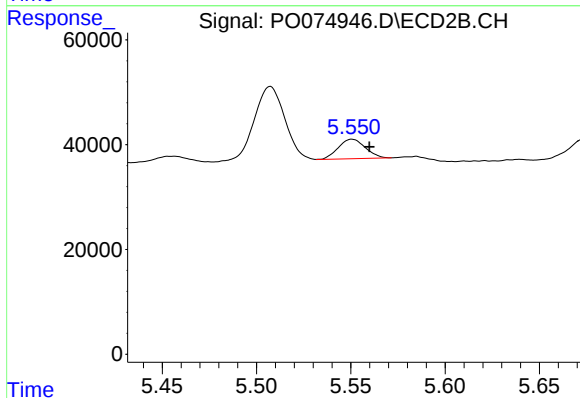
R.T.: 5.267 min
Delta R.T.: -0.006 min
Response: 26926
Conc: 10.70 ng/ml



#19 AR-1242-4

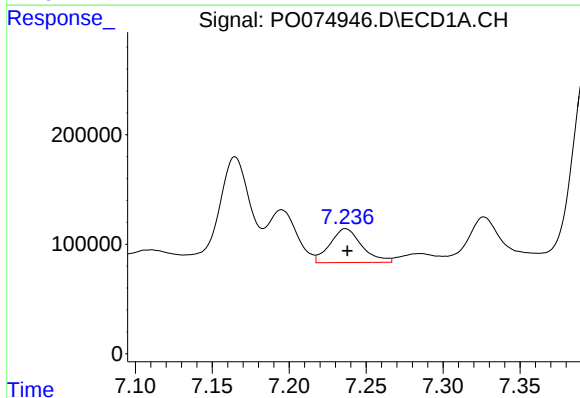
R.T.: 0.000 min
Exp R.T.: 6.453 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



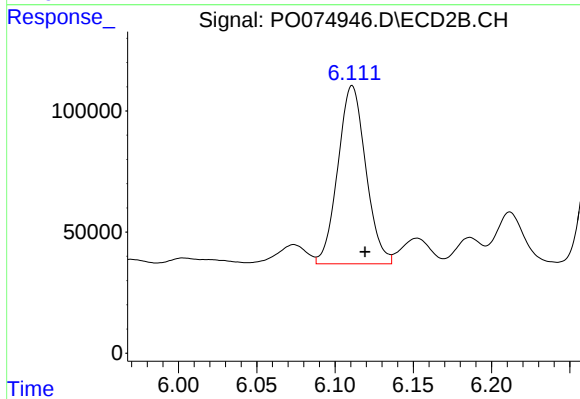
#19 AR-1242-4

R.T.: 5.551 min
Delta R.T.: -0.009 min
Response: 37397
Conc: 28.61 ng/ml



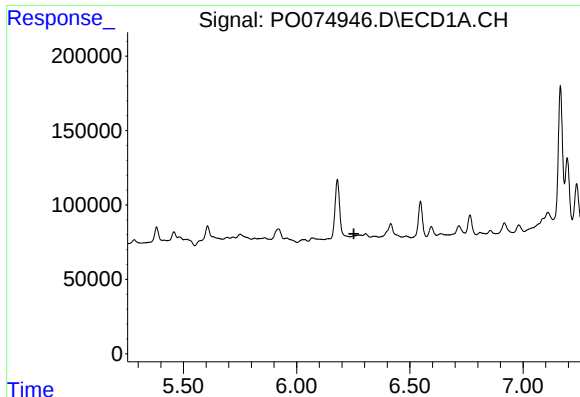
#20 AR-1242-5

R.T.: 7.237 min
Delta R.T.: -0.001 min
Response: 446313
Conc: 177.36 ng/ml



#20 AR-1242-5

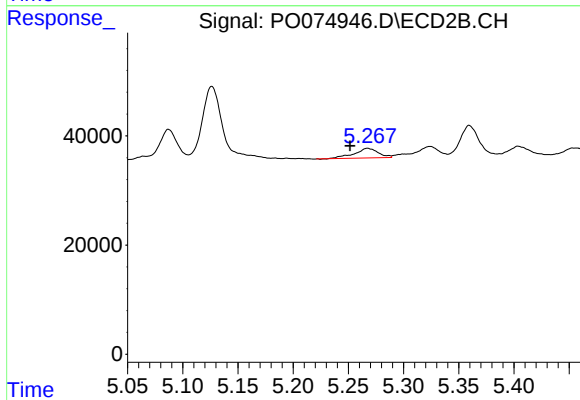
R.T.: 6.111 min
Delta R.T.: -0.008 min
Response: 914232
Conc: 522.17 ng/ml



#21 AR-1248-1

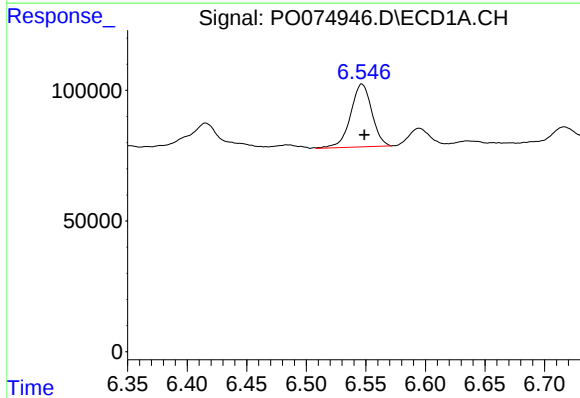
R.T.: 0.000 min
Exp R.T.: 6.253 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



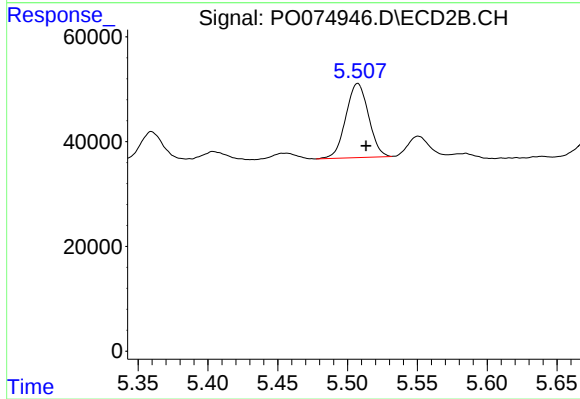
#21 AR-1248-1

R.T.: 5.267 min
Delta R.T.: 0.016 min
Response: 26926
Conc: 19.58 ng/ml



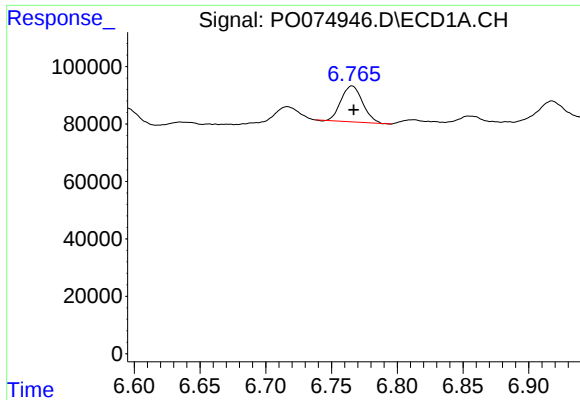
#22 AR-1248-2

R.T.: 6.547 min
Delta R.T.: -0.002 min
Response: 298081
Conc: 95.84 ng/ml



#22 AR-1248-2

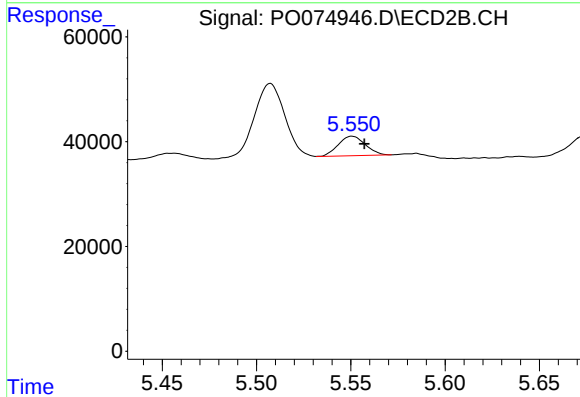
R.T.: 5.507 min
Delta R.T.: -0.006 min
Response: 160272
Conc: 85.28 ng/ml



#23 AR-1248-3

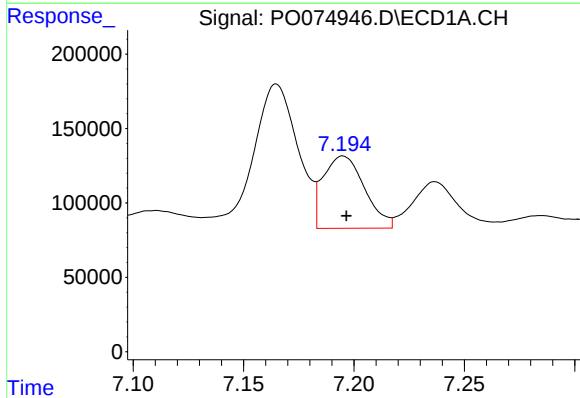
R.T.: 6.766 min
Delta R.T.: -0.001 min
Response: 142925
Conc: 39.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



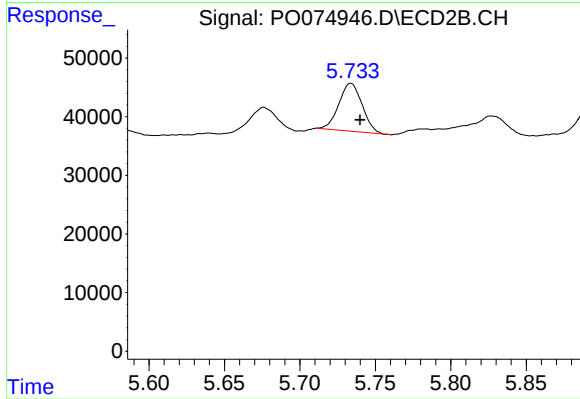
#23 AR-1248-3

R.T.: 5.551 min
Delta R.T.: -0.006 min
Response: 37397
Conc: 19.81 ng/ml



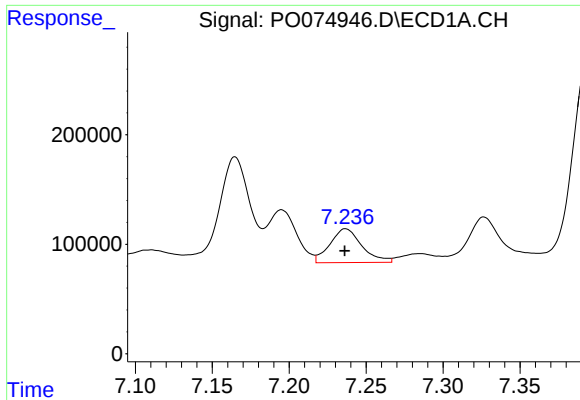
#24 AR-1248-4

R.T.: 7.195 min
Delta R.T.: -0.002 min
Response: 634104
Conc: 142.19 ng/ml



#24 AR-1248-4

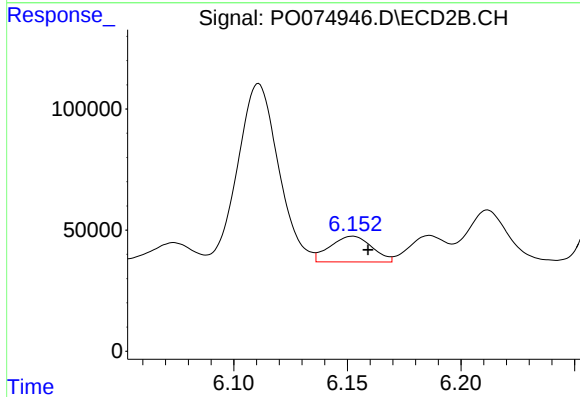
R.T.: 5.734 min
Delta R.T.: -0.006 min
Response: 87972
Conc: 39.06 ng/ml



#25 AR-1248-5

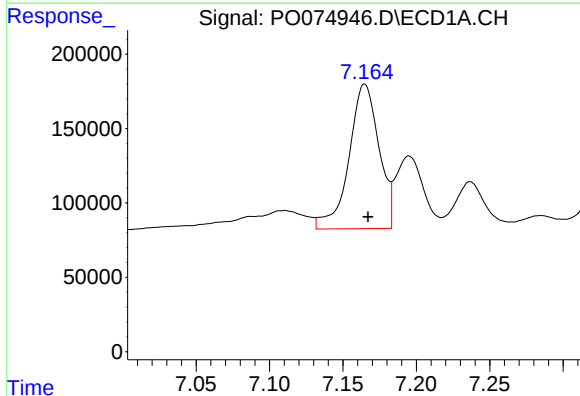
R.T.: 7.237 min
Delta R.T.: 0.000 min
Response: 446313
Conc: 105.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



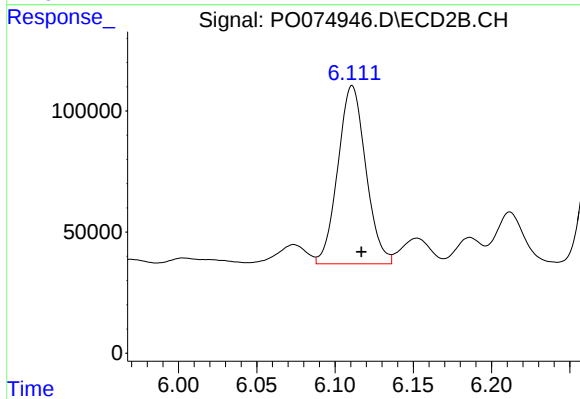
#25 AR-1248-5

R.T.: 6.152 min
Delta R.T.: -0.007 min
Response: 136215
Conc: 57.94 ng/ml



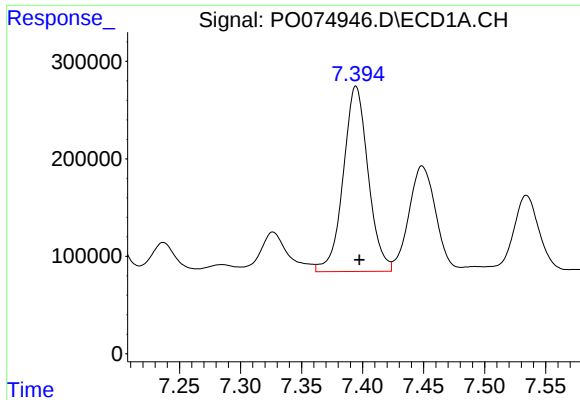
#26 AR-1254-1

R.T.: 7.165 min
Delta R.T.: -0.002 min
Response: 1383016
Conc: 314.45 ng/ml



#26 AR-1254-1

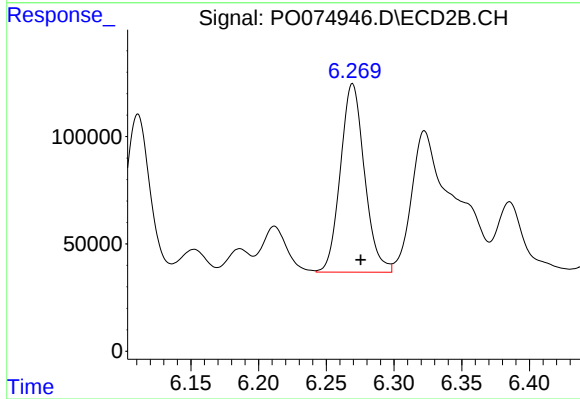
R.T.: 6.111 min
Delta R.T.: -0.006 min
Response: 914232
Conc: 253.11 ng/ml



#27 AR-1254-2

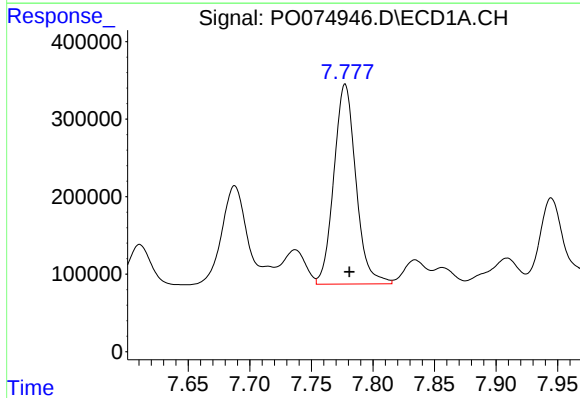
R.T.: 7.395 min
Delta R.T.: -0.003 min
Response: 2699959
Conc: 396.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



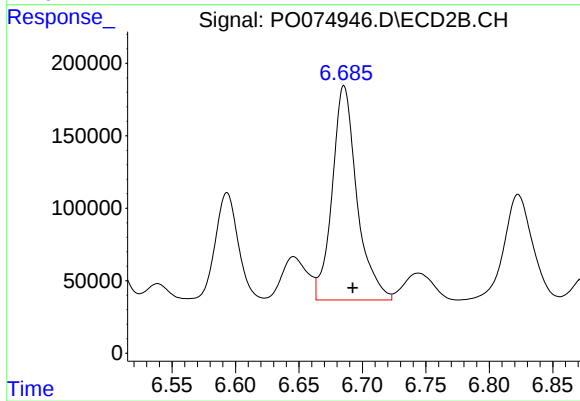
#27 AR-1254-2

R.T.: 6.269 min
Delta R.T.: -0.006 min
Response: 1087838
Conc: 349.05 ng/ml



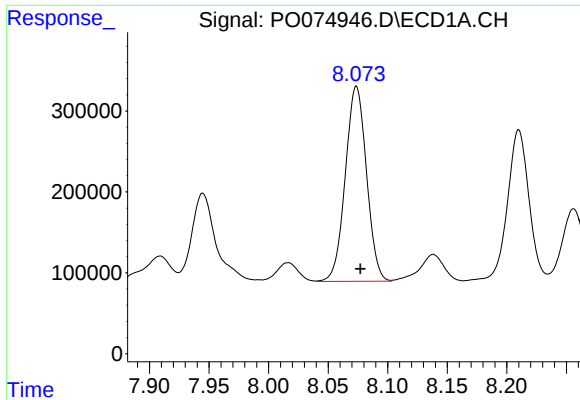
#28 AR-1254-3

R.T.: 7.777 min
Delta R.T.: -0.003 min
Response: 3212236
Conc: 457.95 ng/ml



#28 AR-1254-3

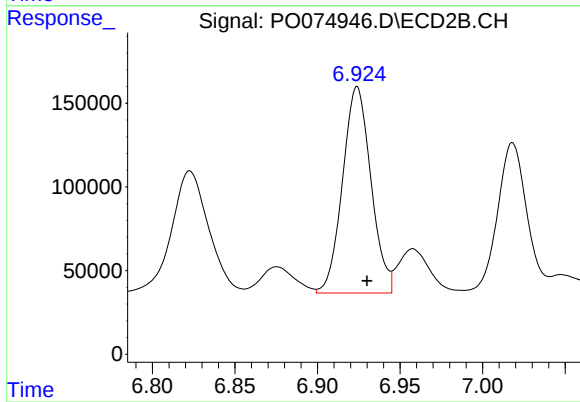
R.T.: 6.686 min
Delta R.T.: -0.007 min
Response: 2009402
Conc: 409.75 ng/ml



#29 AR-1254-4

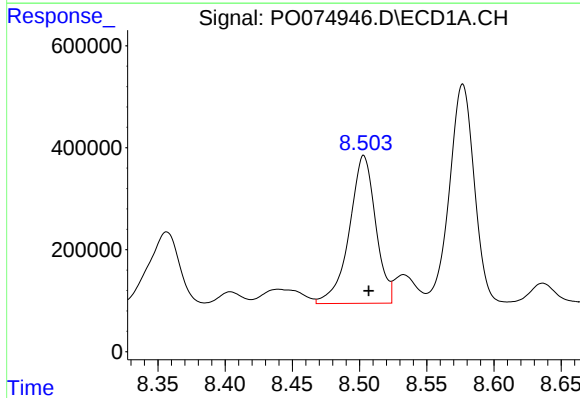
R.T.: 8.074 min
Delta R.T.: -0.003 min
Response: 2987284
Conc: 492.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



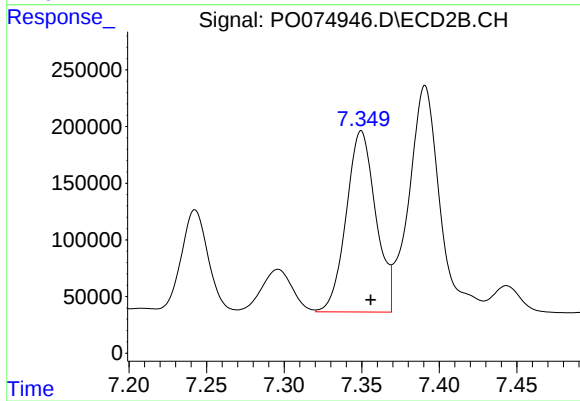
#29 AR-1254-4

R.T.: 6.924 min
Delta R.T.: -0.006 min
Response: 1476579
Conc: 425.80 ng/ml



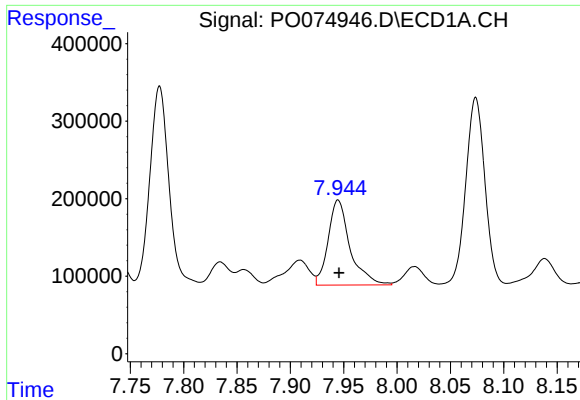
#30 AR-1254-5

R.T.: 8.503 min
Delta R.T.: -0.004 min
Response: 3951917
Conc: 680.32 ng/ml



#30 AR-1254-5

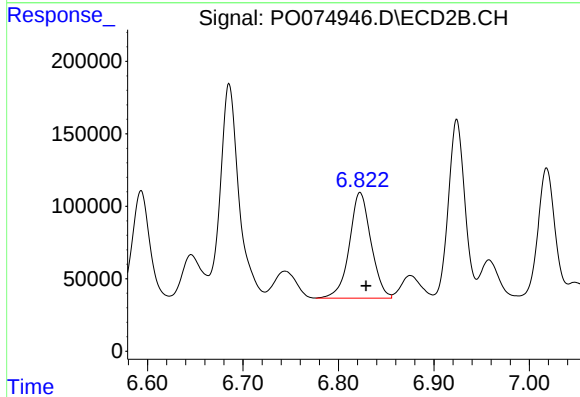
R.T.: 7.350 min
Delta R.T.: -0.006 min
Response: 2115886
Conc: 467.50 ng/ml



#31 AR-1260-1

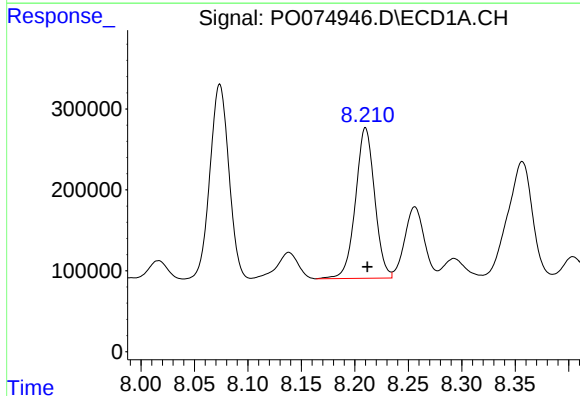
R.T.: 7.945 min
Delta R.T.: 0.000 min
Response: 1569485
Conc: 314.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



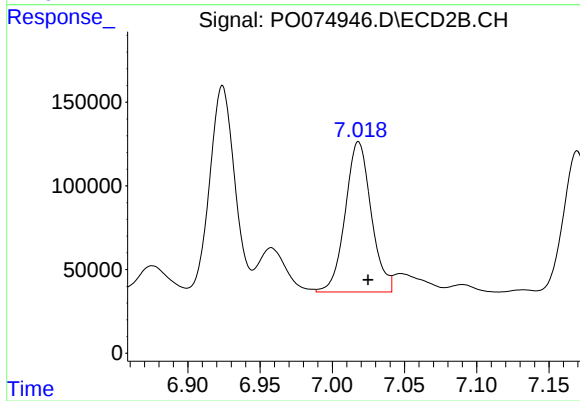
#31 AR-1260-1

R.T.: 6.823 min
Delta R.T.: -0.006 min
Response: 1144074
Conc: 358.61 ng/ml



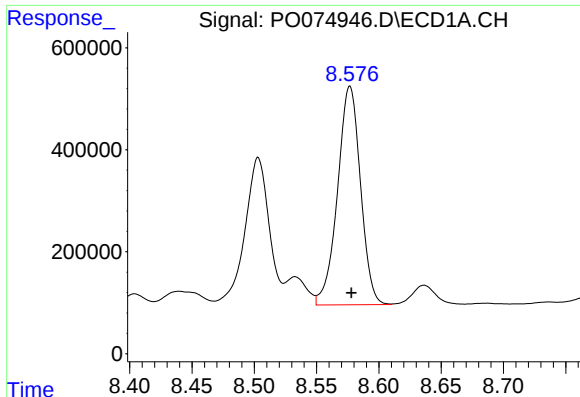
#32 AR-1260-2

R.T.: 8.210 min
Delta R.T.: -0.002 min
Response: 2318023
Conc: 340.78 ng/ml



#32 AR-1260-2

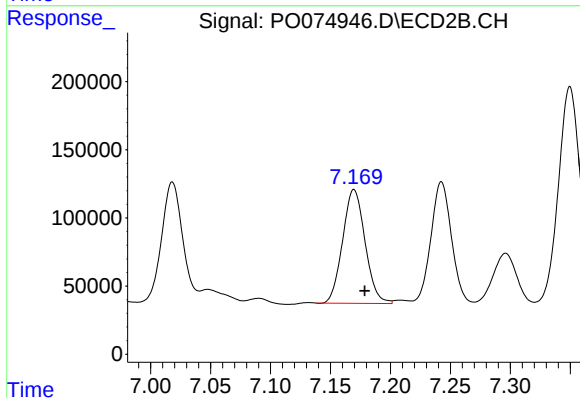
R.T.: 7.018 min
Delta R.T.: -0.007 min
Response: 1124619
Conc: 264.55 ng/ml



#33 AR-1260-3

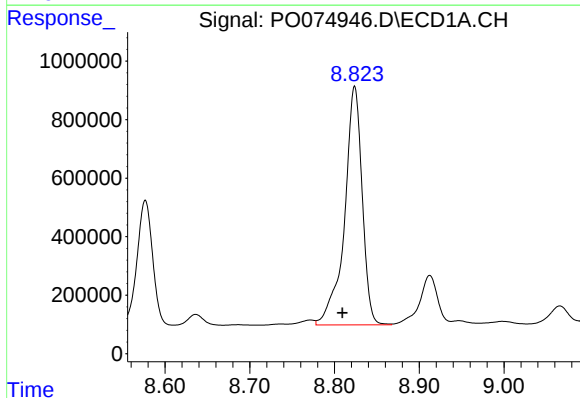
R.T.: 8.577 min
Delta R.T.: -0.001 min
Response: 5504998
Conc: 960.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



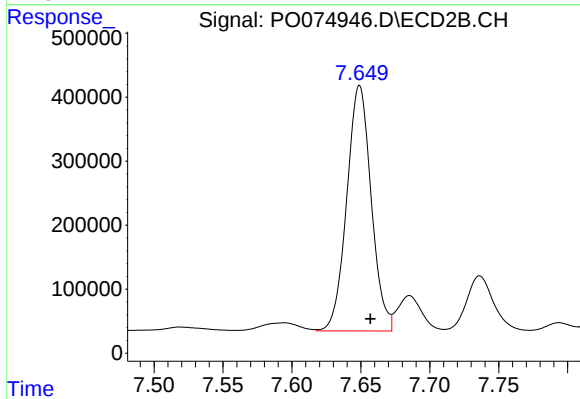
#33 AR-1260-3

R.T.: 7.170 min
Delta R.T.: -0.009 min
Response: 1086231
Conc: 301.44 ng/ml



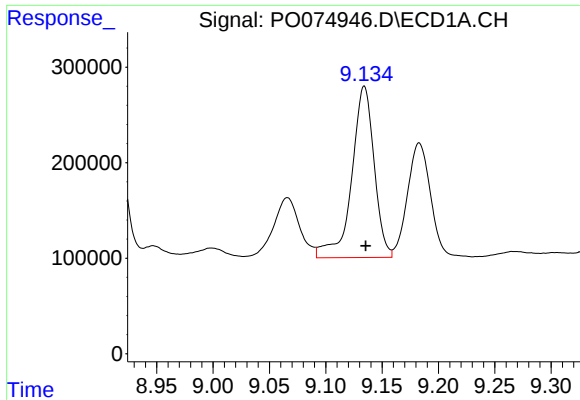
#34 AR-1260-4

R.T.: 8.824 min
Delta R.T.: 0.015 min
Response: 11833328
Conc: 2162.80 ng/ml



#34 AR-1260-4

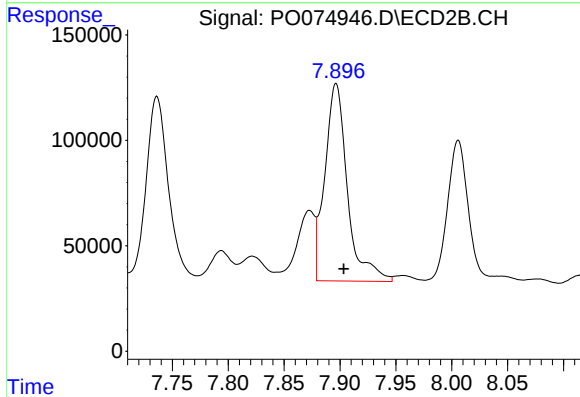
R.T.: 7.649 min
Delta R.T.: -0.008 min
Response: 4736830
Conc: 1512.73 ng/ml



#35 AR-1260-5

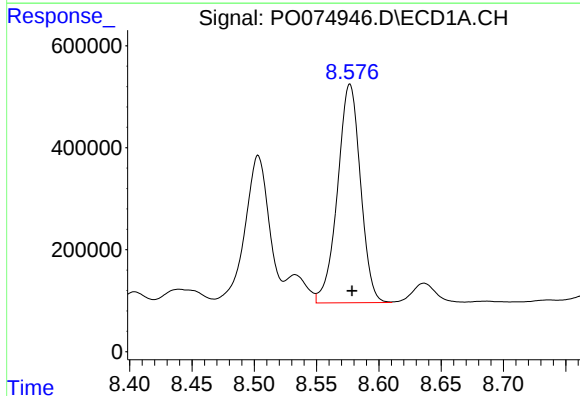
R.T.: 9.134 min
Delta R.T.: -0.001 min
Response: 2490920
Conc: 199.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



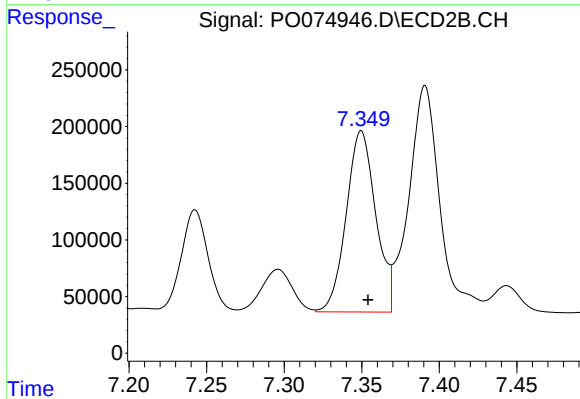
#35 AR-1260-5

R.T.: 7.897 min
Delta R.T.: -0.007 min
Response: 1318224
Conc: 165.84 ng/ml



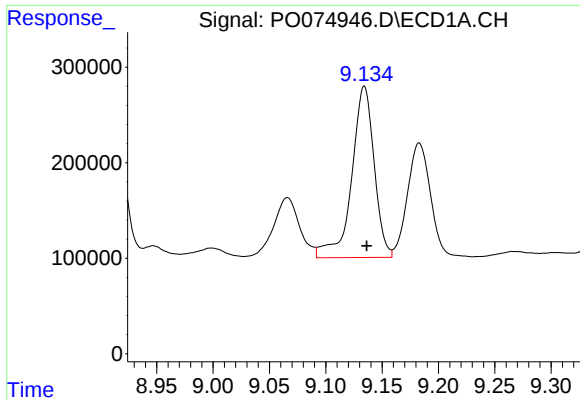
#36 AR-1262-1

R.T.: 8.577 min
Delta R.T.: -0.002 min
Response: 5504998
Conc: 618.25 ng/ml



#36 AR-1262-1

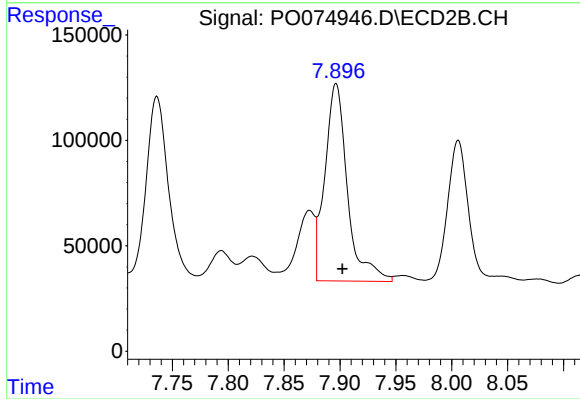
R.T.: 7.350 min
Delta R.T.: -0.004 min
Response: 2115886
Conc: 831.53 ng/ml



#37 AR-1262-2

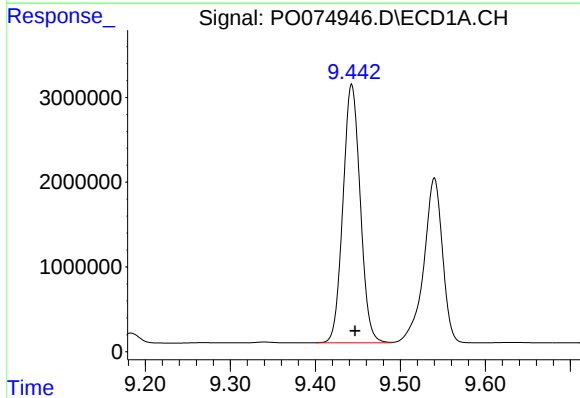
R.T.: 9.134 min
Delta R.T.: -0.002 min
Response: 2490920
Conc: 162.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



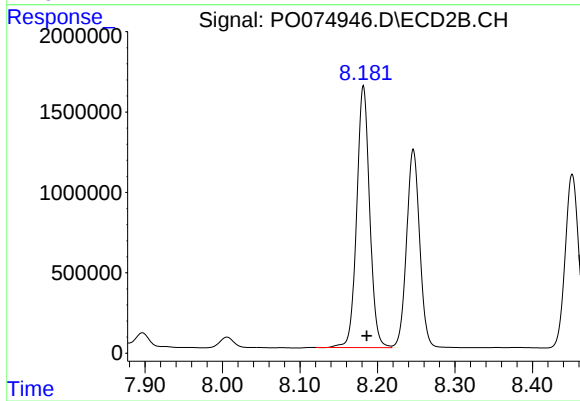
#37 AR-1262-2

R.T.: 7.897 min
Delta R.T.: -0.006 min
Response: 1318224
Conc: 143.37 ng/ml



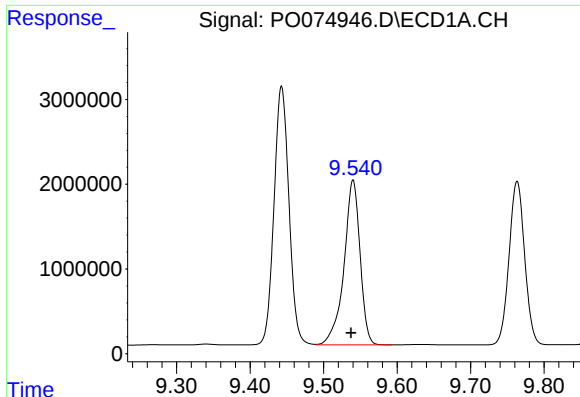
#38 AR-1262-3

R.T.: 9.443 min
Delta R.T.: -0.004 min
Response: 43034942
Conc: 4296.71 ng/ml



#38 AR-1262-3

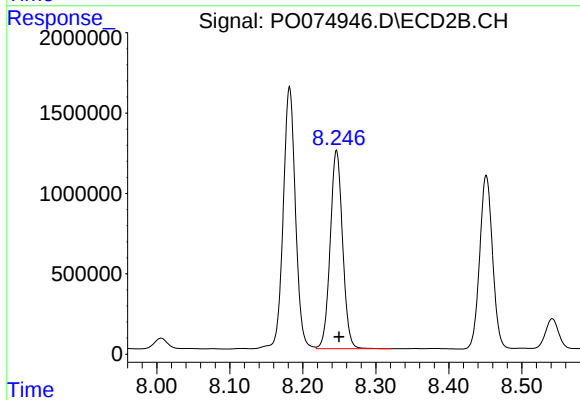
R.T.: 8.182 min
Delta R.T.: -0.004 min
Response: 18918869
Conc: 4784.36 ng/ml



#39 AR-1262-4

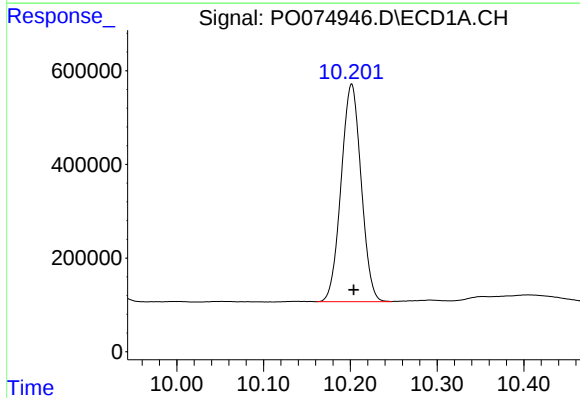
R.T.: 9.540 min
Delta R.T.: 0.003 min
Response: 29564292
Conc: 3969.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



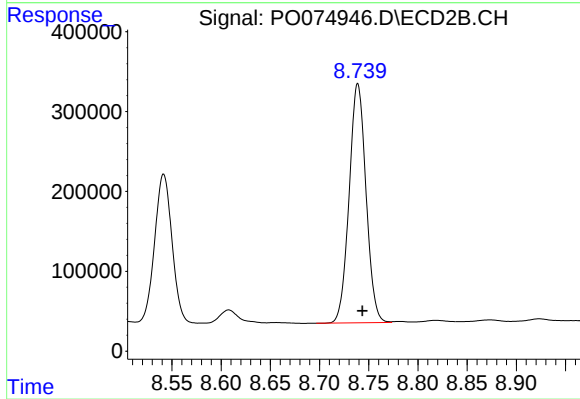
#39 AR-1262-4

R.T.: 8.246 min
Delta R.T.: -0.004 min
Response: 14530523
Conc: 2193.22 ng/ml



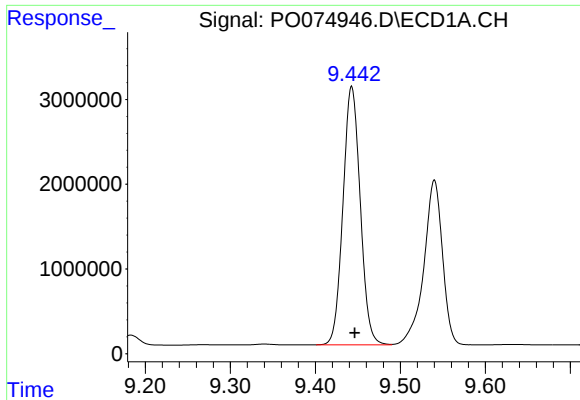
#40 AR-1262-5

R.T.: 10.202 min
Delta R.T.: -0.003 min
Response: 7450369
Conc: 1424.11 ng/ml



#40 AR-1262-5

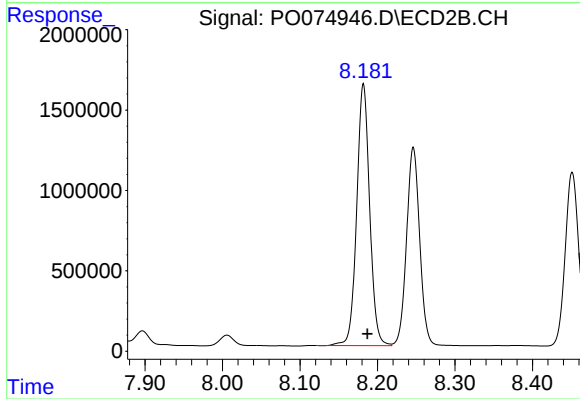
R.T.: 8.739 min
Delta R.T.: -0.005 min
Response: 3571535
Conc: 1156.80 ng/ml



#41 AR-1268-1

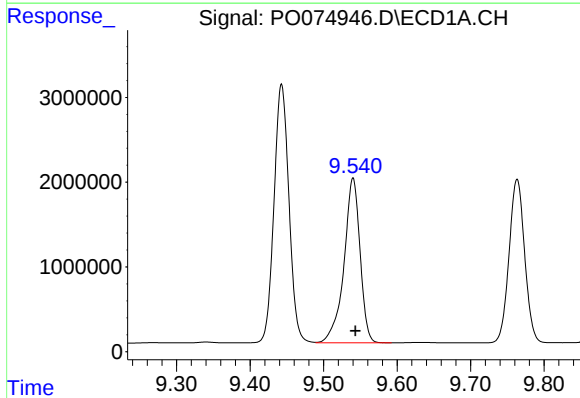
R.T.: 9.443 min
Delta R.T.: -0.004 min
Response: 43034942
Conc: 2303.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



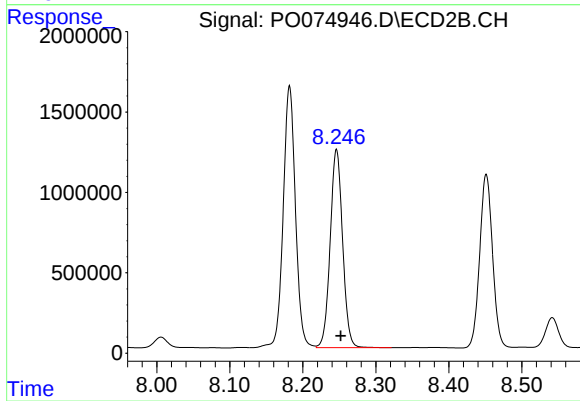
#41 AR-1268-1

R.T.: 8.182 min
Delta R.T.: -0.005 min
Response: 18918869
Conc: 1689.98 ng/ml



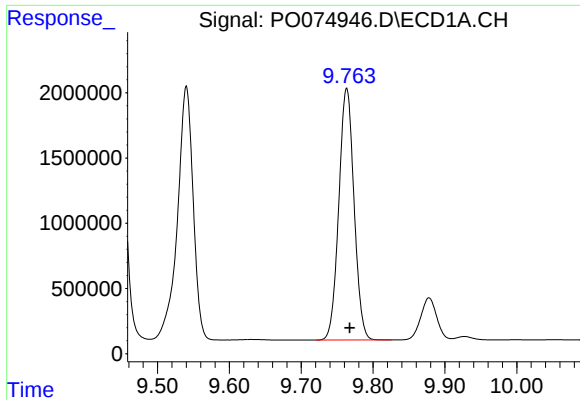
#42 AR-1268-2

R.T.: 9.540 min
Delta R.T.: -0.003 min
Response: 29564292
Conc: 1852.99 ng/ml



#42 AR-1268-2

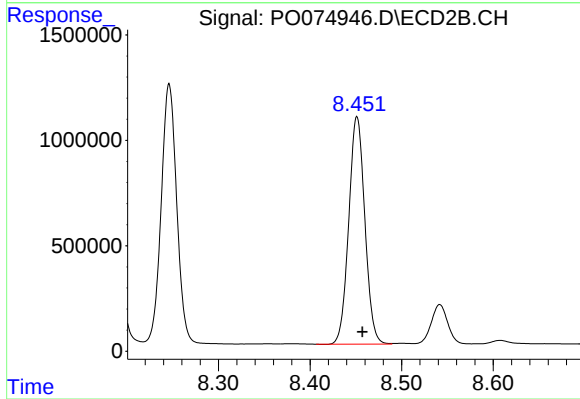
R.T.: 8.246 min
Delta R.T.: -0.006 min
Response: 14530523
Conc: 1518.78 ng/ml



#43 AR-1268-3

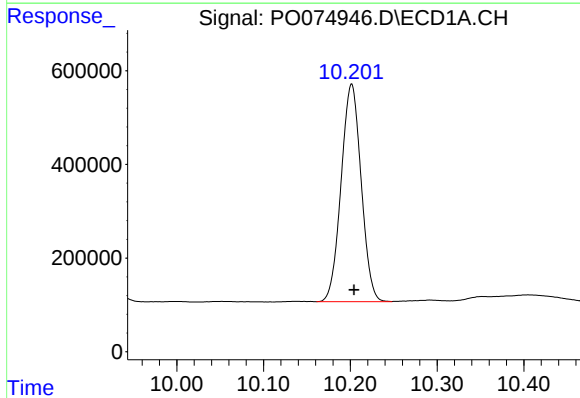
R.T.: 9.763 min
Delta R.T.: -0.004 min
Response: 28376929
Conc: 1998.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



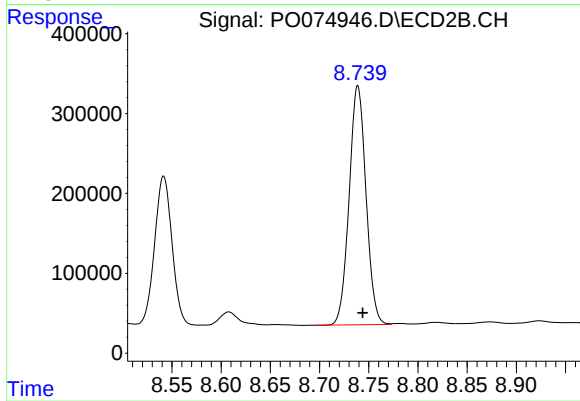
#43 AR-1268-3

R.T.: 8.451 min
Delta R.T.: -0.006 min
Response: 13167707
Conc: 1584.78 ng/ml



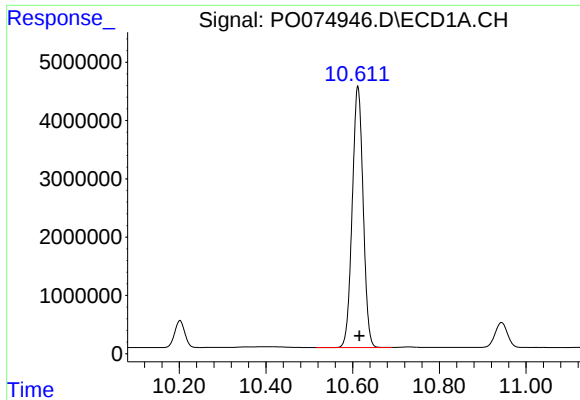
#44 AR-1268-4

R.T.: 10.202 min
Delta R.T.: -0.003 min
Response: 7450369
Conc: 1271.71 ng/ml



#44 AR-1268-4

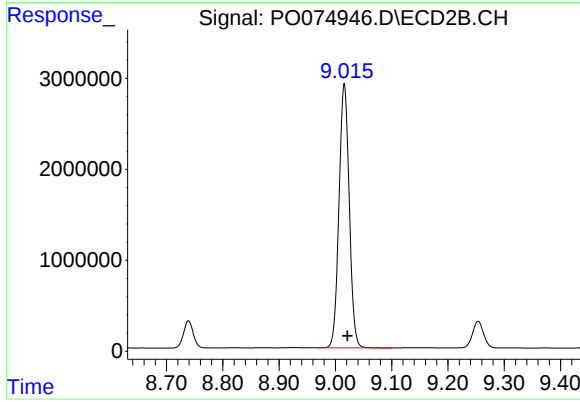
R.T.: 8.739 min
Delta R.T.: -0.005 min
Response: 3571535
Conc: 1029.51 ng/ml



#45 AR-1268-5

R.T.: 10.612 min
Delta R.T.: -0.004 min
Response: 78109831
Conc: 1869.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.016 min
Delta R.T.: -0.005 min
Response: 36731560
Conc: 1551.24 ng/ml