

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0062121\
 Data File : P0078987.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 21 Jun 2021 17:05
 Operator : DD\AJ
 Sample : M2768-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 22 02:14:10 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sun Jun 20 03:02:02 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...	4.328	3.604	1756633	637386	22.258	21.446
2)	SA Decachlor...	9.936	8.787	1034608	531446	16.566	17.835
Target Compounds							
3)	L1 AR-1016-1	5.625	4.830	1245344	563837	465.575	524.997
4)	L1 AR-1016-2	5.647	4.849	1849282	834056	452.412	520.565
5)	L1 AR-1016-3	5.711	5.036	1088464	420993	433.307	506.890
6)	L1 AR-1016-4	5.816	5.090	850466	355136	435.203	480.517
7)	L1 AR-1016-5	6.126	5.313	846490	418565	426.235	463.563
8)	L2 AR-1221-1	4.574	3.855	839079	55924	1009.300	167.106 #
9)	L2 AR-1221-2	4.675	3.952	290931	81352	477.619	321.444 #
10)	L2 AR-1221-3	4.760	4.038	936707	327981	480.920	413.116
11)	L3 AR-1232-1	4.760	4.038	936707	327981	587.548	526.042
12)	L3 AR-1232-2	5.333	4.849	1179058	834056	1467.881	1359.374
13)	L3 AR-1232-3	5.647	5.036	1849282	420993	1209.708	1417.075
14)	L3 AR-1232-4	5.816	5.132	850466	434268	1150.131	1555.809 #
15)	L3 AR-1232-5	5.915	5.313	664210	418565	1285.875	1361.815
16)	L4 AR-1242-1	5.625	4.830	1245344	563837	627.741	709.601
17)	L4 AR-1242-2	5.647	4.849	1849282	834056	621.755	717.893
18)	L4 AR-1242-3	5.711	5.036	1088464	420993	588.152	687.705
19)	L4 AR-1242-4	5.816	5.132	850466	434268	589.079	709.485
20)	L4 AR-1242-5	6.587	5.685	157240	354250	101.775	453.019 #
21)	L5 AR-1248-1	5.625	4.830	1245344	563837	788.439	885.595
22)	L5 AR-1248-2	5.915	5.090	664210	355136	300.240	359.748
23)	L5 AR-1248-3	6.126	5.132	846490	434268	326.440	437.427 #
24)	L5 AR-1248-4	6.549	5.313	171926	418565	62.030	356.469 #
25)	L5 AR-1248-5	6.587	5.728	157240	50983	57.553	47.348
26)	L6 AR-1254-1	6.518	5.685	657350	354250	244.047	213.226
27)	L6 AR-1254-2	6.745	5.844	733223	336443	174.809	228.296 #
28)	L6 AR-1254-3	7.121	6.274f	404150	592325	90.747	266.307 #
29)	L6 AR-1254-4	7.412	6.494	230566	60938	74.933	44.817 #
30)	L6 AR-1254-5	7.836	6.916	2054585	1191358	629.404	598.323
31)	L7 AR-1260-1	7.285	6.391	1497704	796195	449.516	491.888
32)	L7 AR-1260-2	7.551	6.588	1864437	965274	479.700	498.143
33)	L7 AR-1260-3	7.911	6.738	1083202	892950	357.830	484.976 #
34)	L7 AR-1260-4	8.137	7.215	1290107	631263	393.979	414.358
35)	L7 AR-1260-5	8.450	7.463	2499143	1512423	390.257	427.109
36)	L8 AR-1262-1	7.911	6.916	1083202	1191358	263.650	1142.853 #
37)	L8 AR-1262-2	8.450	7.463	2499143	1512423	375.323	428.587
38)	L8 AR-1262-3	8.740f	7.744	1553611	318931	340.108	222.497 #
39)	L8 AR-1262-4	8.785f	7.806	892863	1098578	239.868	408.455 #
40)	L8 AR-1262-5	9.346	8.302	684046	345971	282.327	285.661
41)	L9 AR-1268-1	8.740f	7.744	1553611	318931	191.824	72.617 #

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 ALS Vial : 17 Sample Multiplier: 1

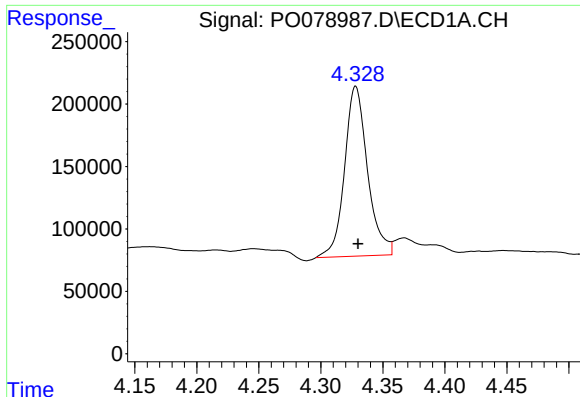
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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Volume Inj. : 2 µl
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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
42) L9	AR-1268-2	8.785f	7.806	892863	1098578	119.413	278.230 #
43) L9	AR-1268-3	8.984	8.009	50867	32911	7.957	9.668
44) L9	AR-1268-4	9.346	8.302	684046	345971	265.763	242.072
45) L9	AR-1268-5	9.675	8.571	264528	108613	13.203	10.536

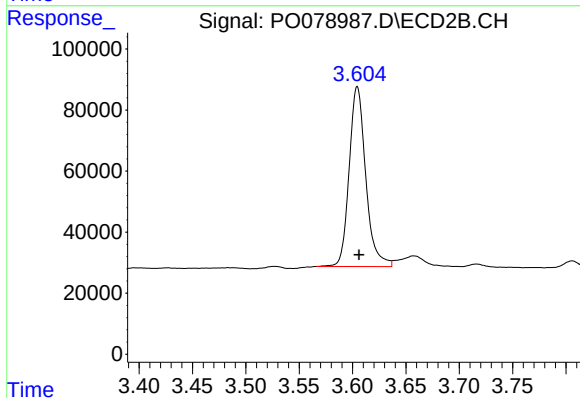
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

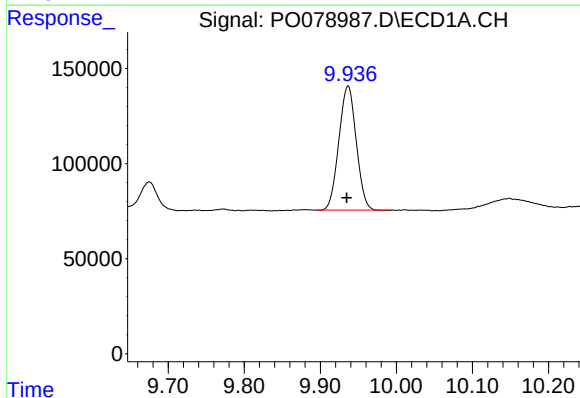
R.T.: 4.328 min
Delta R.T.: -0.002 min
Response: 1756633
Conc: 22.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



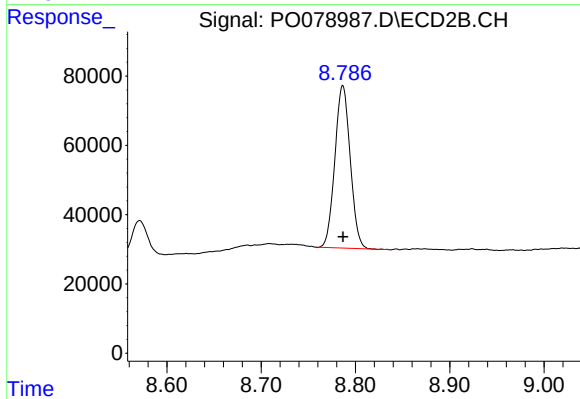
#1 Tetrachloro-m-xylene

R.T.: 3.604 min
Delta R.T.: -0.002 min
Response: 637386
Conc: 21.45 ng/ml



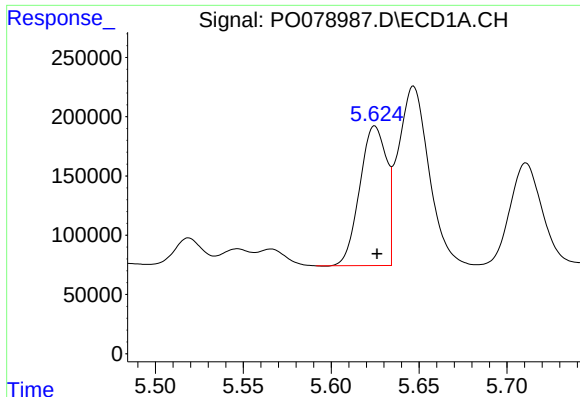
#2 Decachlorobiphenyl

R.T.: 9.936 min
Delta R.T.: 0.002 min
Response: 1034608
Conc: 16.57 ng/ml



#2 Decachlorobiphenyl

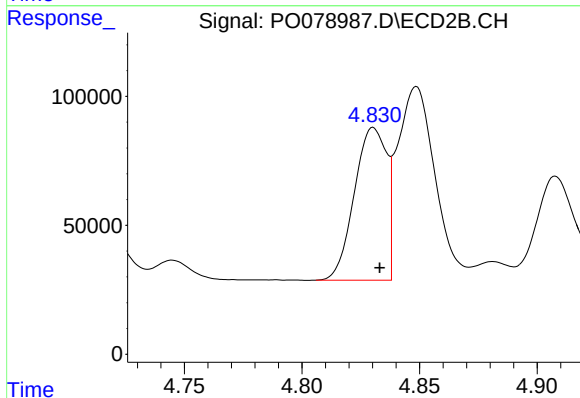
R.T.: 8.787 min
Delta R.T.: 0.000 min
Response: 531446
Conc: 17.83 ng/ml



#3 AR-1016-1

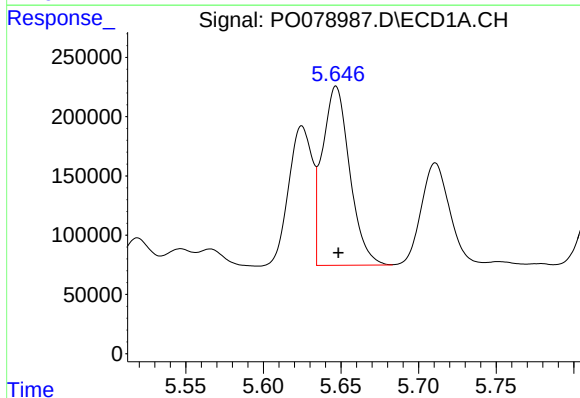
R.T.: 5.625 min
Delta R.T.: -0.001 min
Response: 1245344
Conc: 465.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



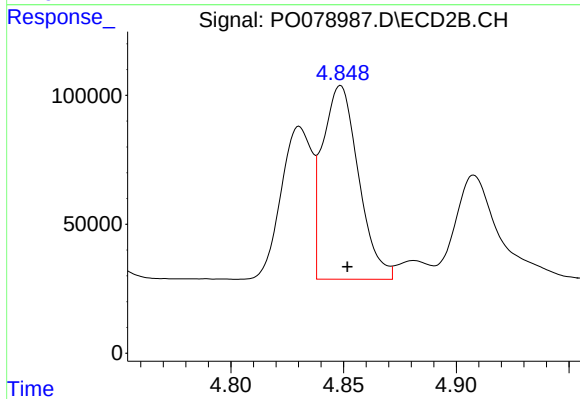
#3 AR-1016-1

R.T.: 4.830 min
Delta R.T.: -0.003 min
Response: 563837
Conc: 525.00 ng/ml



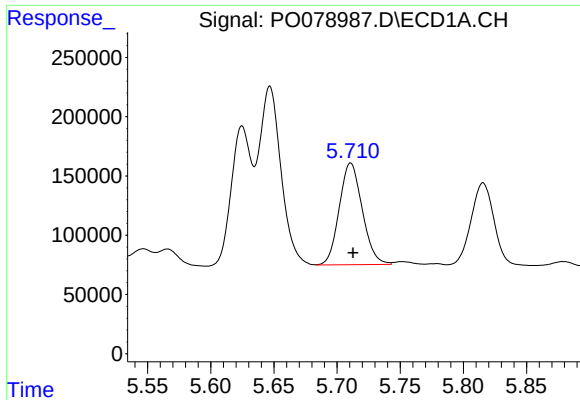
#4 AR-1016-2

R.T.: 5.647 min
Delta R.T.: -0.002 min
Response: 1849282
Conc: 452.41 ng/ml



#4 AR-1016-2

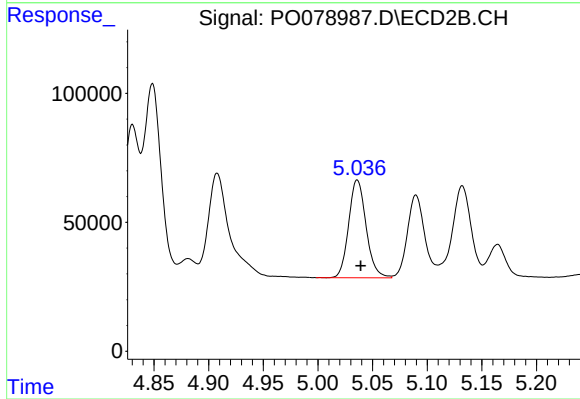
R.T.: 4.849 min
Delta R.T.: -0.003 min
Response: 834056
Conc: 520.56 ng/ml



#5 AR-1016-3

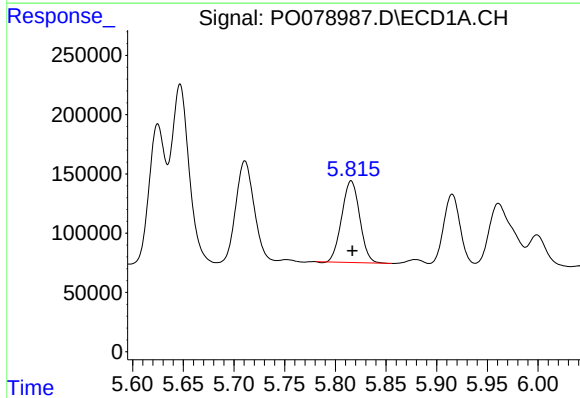
R.T.: 5.711 min
Delta R.T.: -0.002 min
Response: 1088464
Conc: 433.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



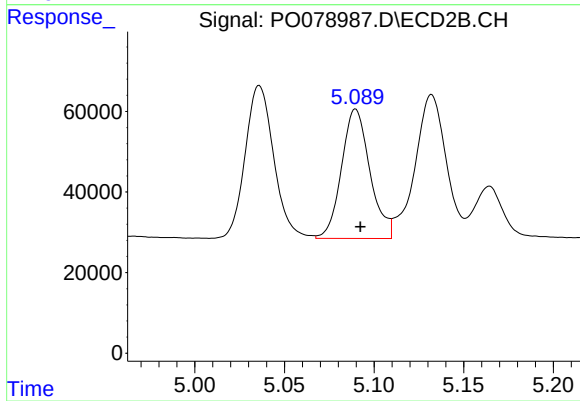
#5 AR-1016-3

R.T.: 5.036 min
Delta R.T.: -0.003 min
Response: 420993
Conc: 506.89 ng/ml



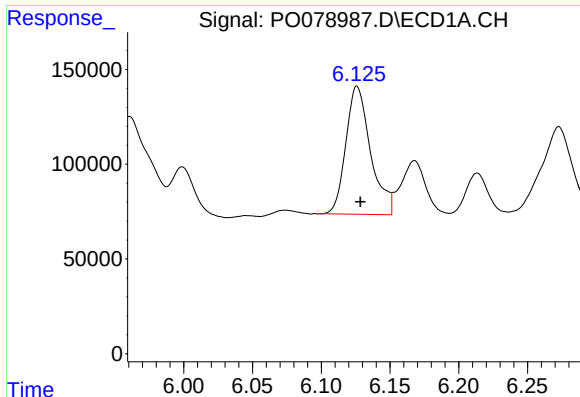
#6 AR-1016-4

R.T.: 5.816 min
Delta R.T.: -0.001 min
Response: 850466
Conc: 435.20 ng/ml



#6 AR-1016-4

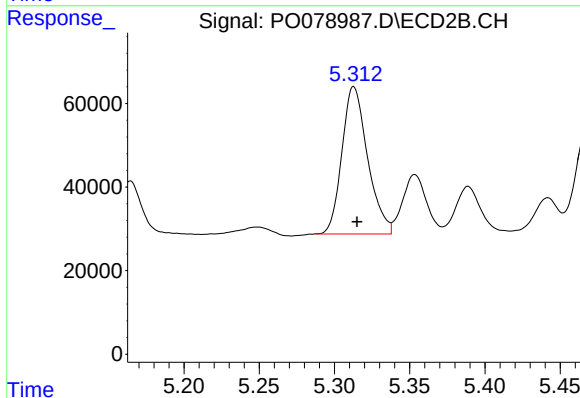
R.T.: 5.090 min
Delta R.T.: -0.003 min
Response: 355136
Conc: 480.52 ng/ml



#7 AR-1016-5

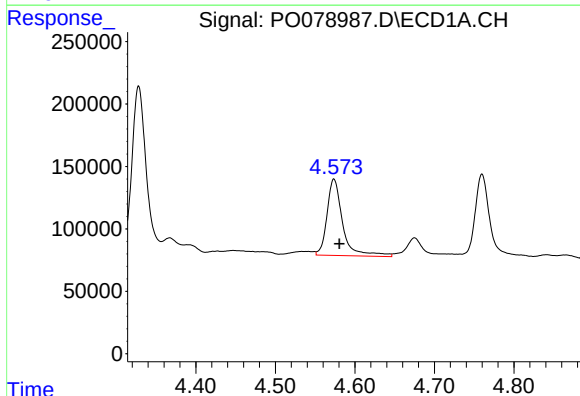
R.T.: 6.126 min
Delta R.T.: -0.002 min
Response: 846490
Conc: 426.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



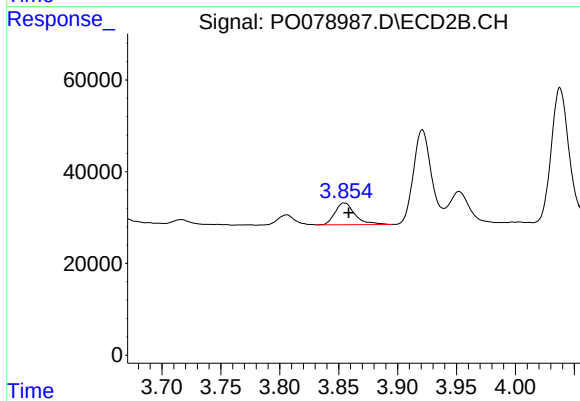
#7 AR-1016-5

R.T.: 5.313 min
Delta R.T.: -0.002 min
Response: 418565
Conc: 463.56 ng/ml



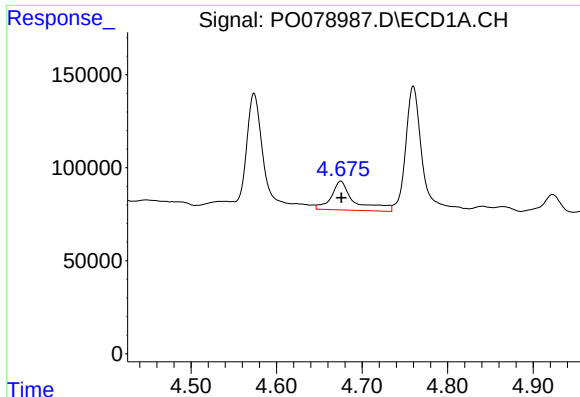
#8 AR-1221-1

R.T.: 4.574 min
Delta R.T.: -0.007 min
Response: 839079
Conc: 1009.30 ng/ml



#8 AR-1221-1

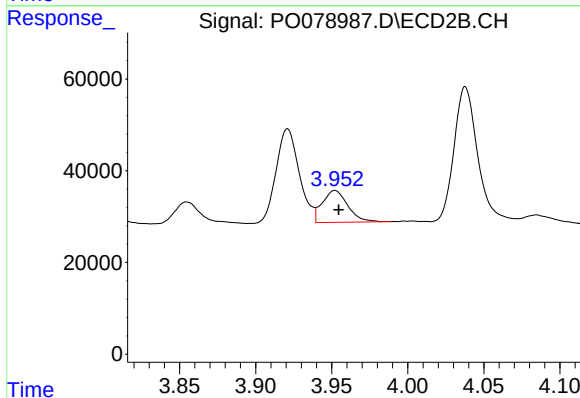
R.T.: 3.855 min
Delta R.T.: -0.004 min
Response: 55924
Conc: 167.11 ng/ml



#9 AR-1221-2

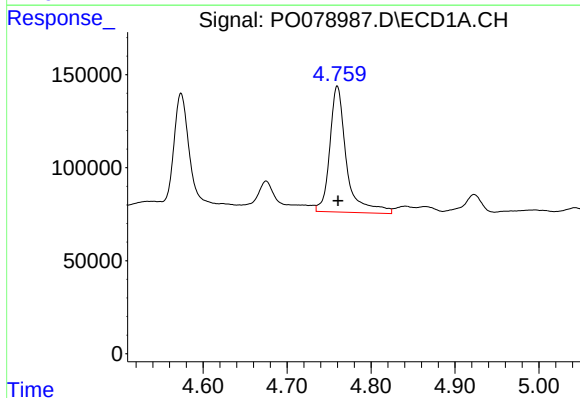
R.T.: 4.675 min
Delta R.T.: 0.000 min
Response: 290931
Conc: 477.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



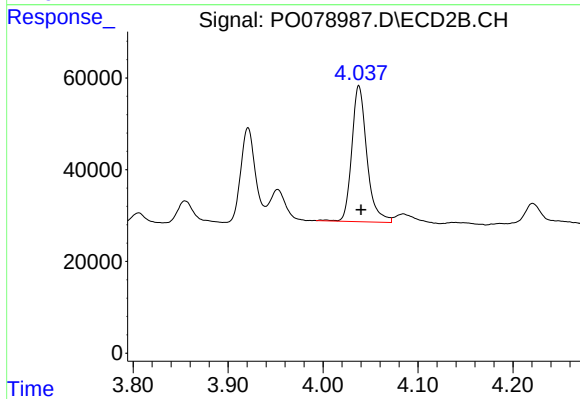
#9 AR-1221-2

R.T.: 3.952 min
Delta R.T.: -0.003 min
Response: 81352
Conc: 321.44 ng/ml



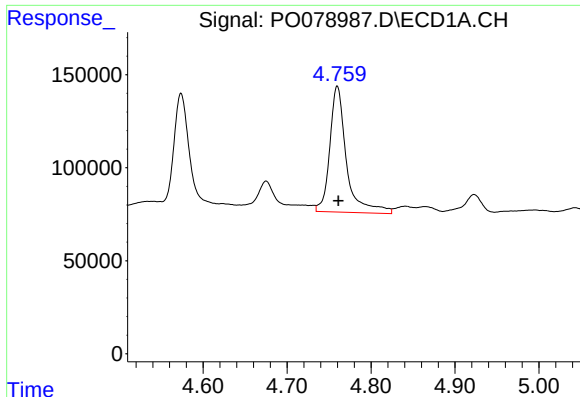
#10 AR-1221-3

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 936707
Conc: 480.92 ng/ml



#10 AR-1221-3

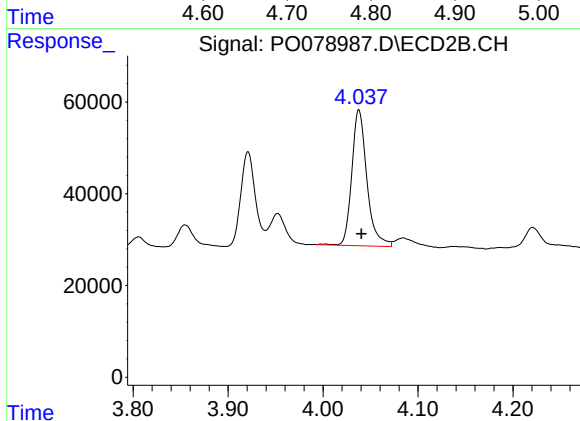
R.T.: 4.038 min
Delta R.T.: -0.002 min
Response: 327981
Conc: 413.12 ng/ml



#11 AR-1232-1

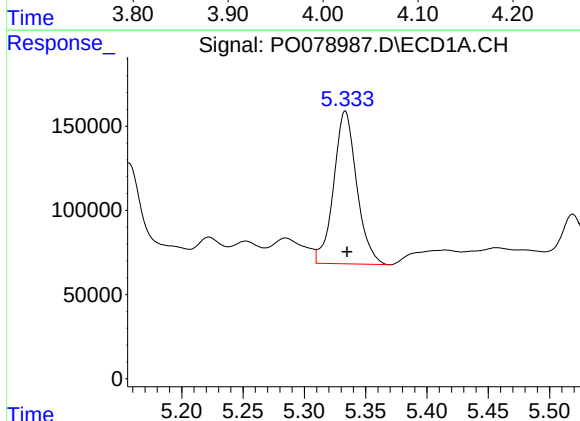
R.T.: 4.760 min
Delta R.T.: -0.001 min
Response: 936707
Conc: 587.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



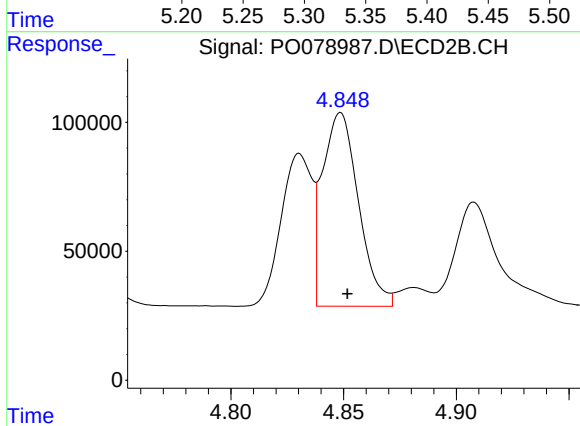
#11 AR-1232-1

R.T.: 4.038 min
Delta R.T.: -0.003 min
Response: 327981
Conc: 526.04 ng/ml



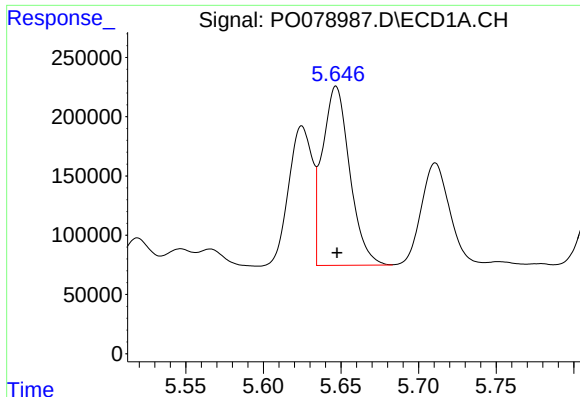
#12 AR-1232-2

R.T.: 5.333 min
Delta R.T.: -0.001 min
Response: 1179058
Conc: 1467.88 ng/ml



#12 AR-1232-2

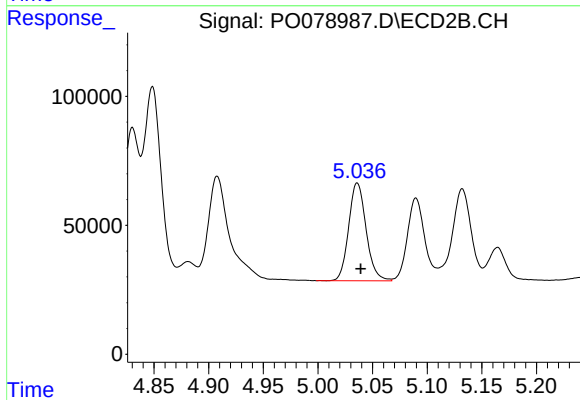
R.T.: 4.849 min
Delta R.T.: -0.003 min
Response: 834056
Conc: 1359.37 ng/ml



#13 AR-1232-3

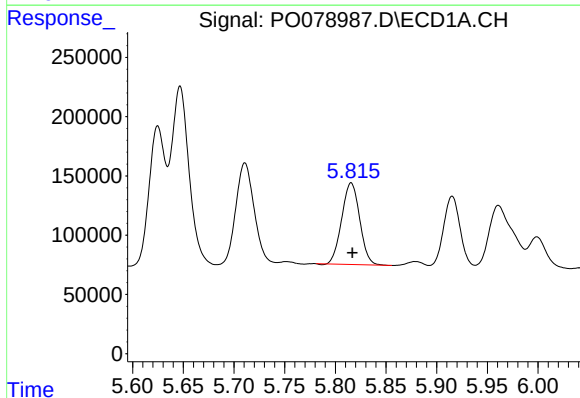
R.T.: 5.647 min
Delta R.T.: 0.000 min
Response: 1849282
Conc: 1209.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



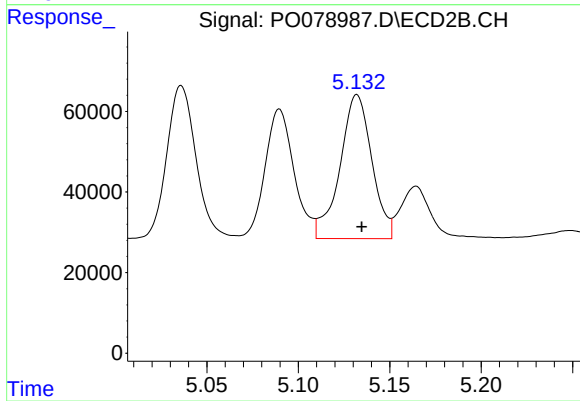
#13 AR-1232-3

R.T.: 5.036 min
Delta R.T.: -0.003 min
Response: 420993
Conc: 1417.08 ng/ml



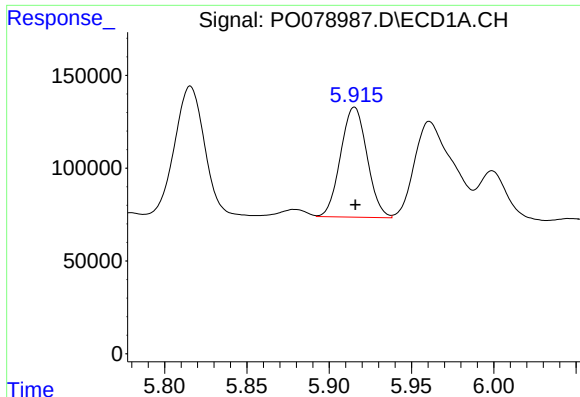
#14 AR-1232-4

R.T.: 5.816 min
Delta R.T.: -0.001 min
Response: 850466
Conc: 1150.13 ng/ml



#14 AR-1232-4

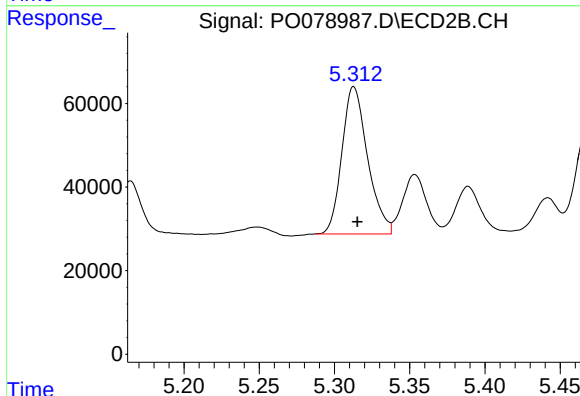
R.T.: 5.132 min
Delta R.T.: -0.003 min
Response: 434268
Conc: 1555.81 ng/ml



#15 AR-1232-5

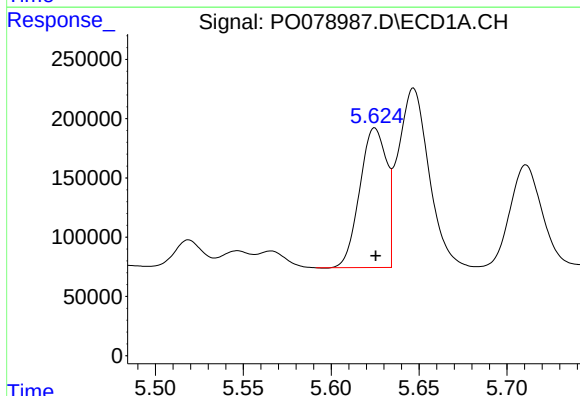
R.T.: 5.915 min
Delta R.T.: 0.000 min
Response: 664210
Conc: 1285.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



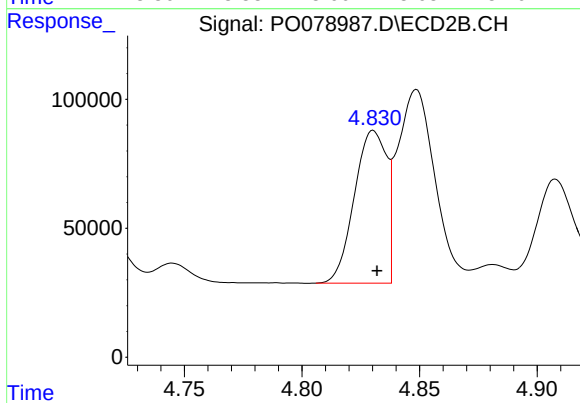
#15 AR-1232-5

R.T.: 5.313 min
Delta R.T.: -0.002 min
Response: 418565
Conc: 1361.82 ng/ml



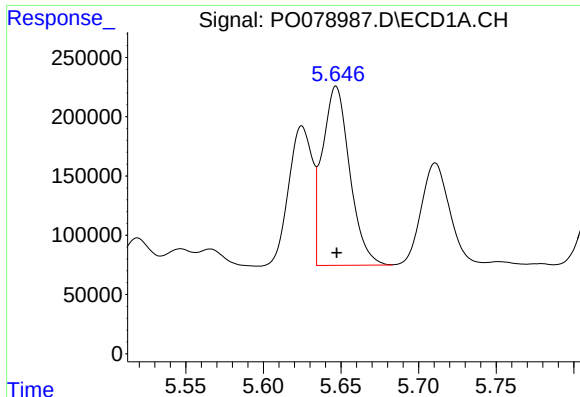
#16 AR-1242-1

R.T.: 5.625 min
Delta R.T.: 0.000 min
Response: 1245344
Conc: 627.74 ng/ml



#16 AR-1242-1

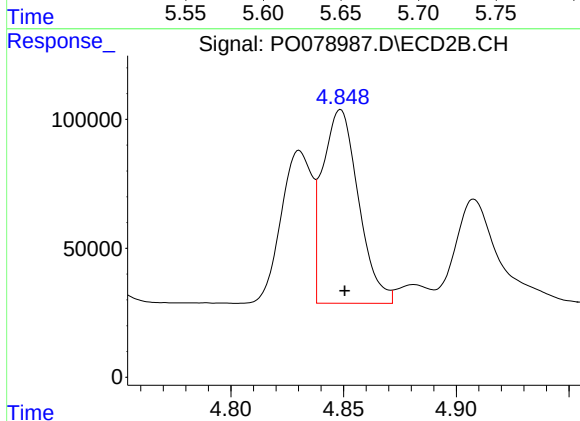
R.T.: 4.830 min
Delta R.T.: -0.002 min
Response: 563837
Conc: 709.60 ng/ml



#17 AR-1242-2

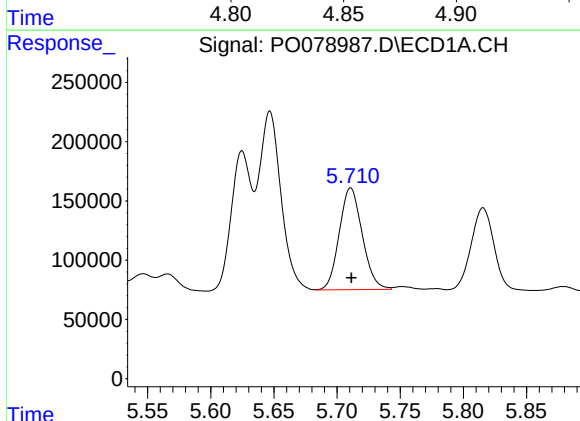
R.T.: 5.647 min
Delta R.T.: 0.000 min
Response: 1849282
Conc: 621.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



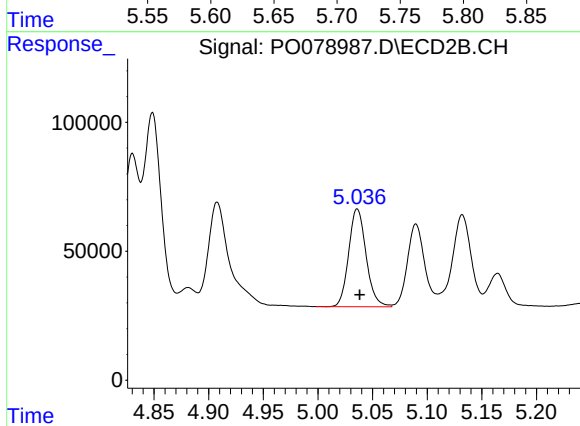
#17 AR-1242-2

R.T.: 4.849 min
Delta R.T.: -0.002 min
Response: 834056
Conc: 717.89 ng/ml



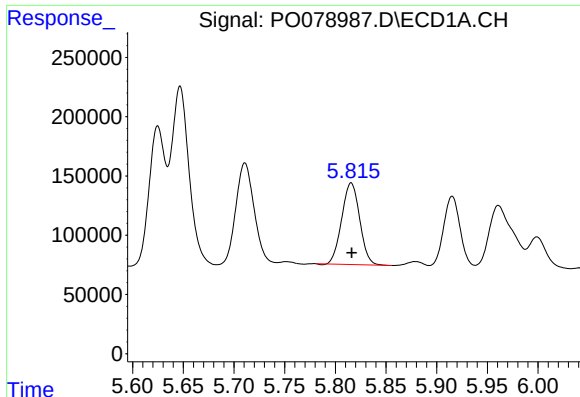
#18 AR-1242-3

R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 1088464
Conc: 588.15 ng/ml



#18 AR-1242-3

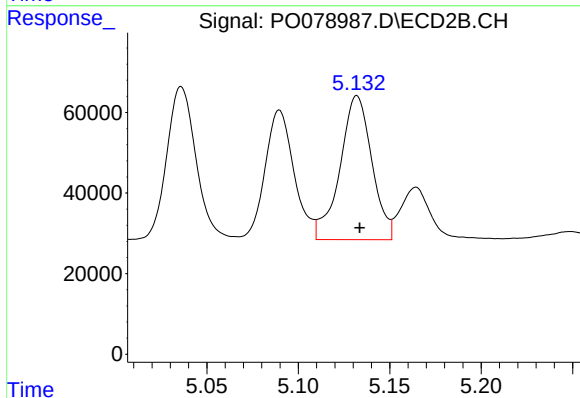
R.T.: 5.036 min
Delta R.T.: -0.002 min
Response: 420993
Conc: 687.71 ng/ml



#19 AR-1242-4

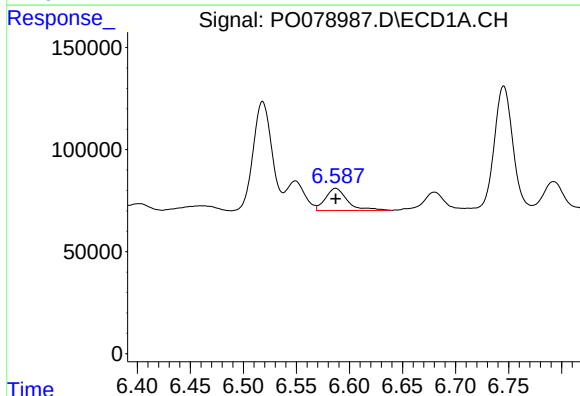
R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 850466
Conc: 589.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



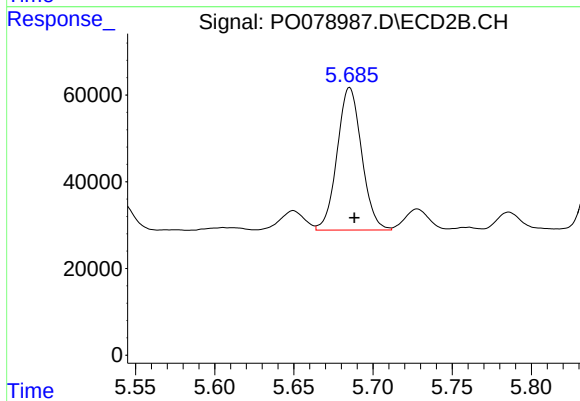
#19 AR-1242-4

R.T.: 5.132 min
Delta R.T.: -0.001 min
Response: 434268
Conc: 709.49 ng/ml



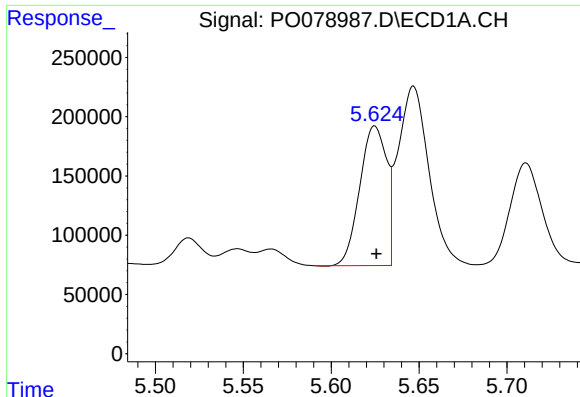
#20 AR-1242-5

R.T.: 6.587 min
Delta R.T.: 0.000 min
Response: 157240
Conc: 101.78 ng/ml



#20 AR-1242-5

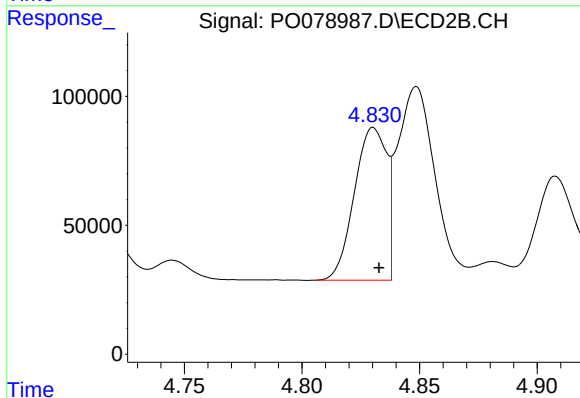
R.T.: 5.685 min
Delta R.T.: -0.003 min
Response: 354250
Conc: 453.02 ng/ml



#21 AR-1248-1

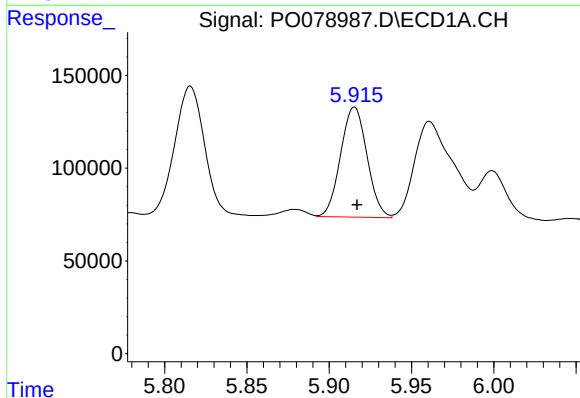
R.T.: 5.625 min
Delta R.T.: 0.000 min
Response: 1245344
Conc: 788.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



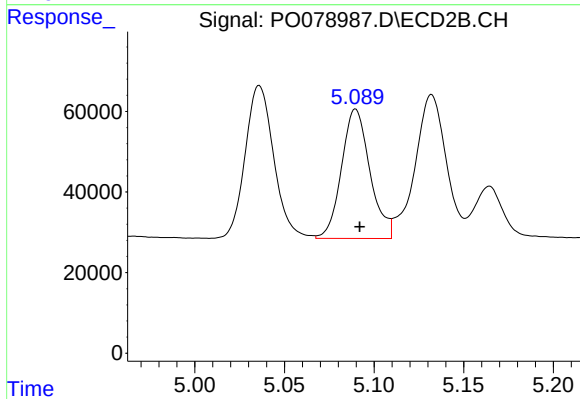
#21 AR-1248-1

R.T.: 4.830 min
Delta R.T.: -0.002 min
Response: 563837
Conc: 885.60 ng/ml



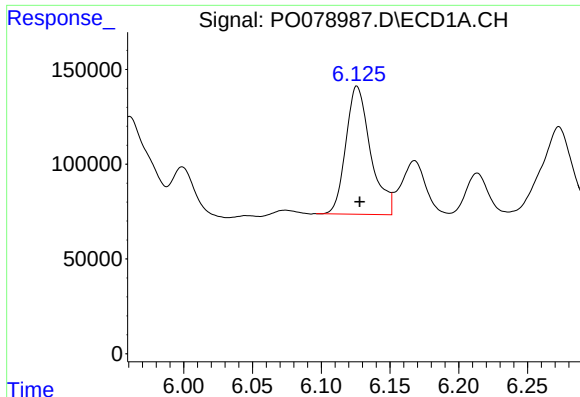
#22 AR-1248-2

R.T.: 5.915 min
Delta R.T.: -0.002 min
Response: 664210
Conc: 300.24 ng/ml



#22 AR-1248-2

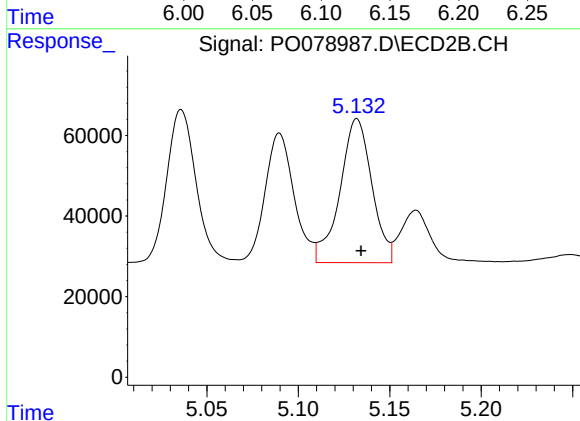
R.T.: 5.090 min
Delta R.T.: -0.002 min
Response: 355136
Conc: 359.75 ng/ml



#23 AR-1248-3

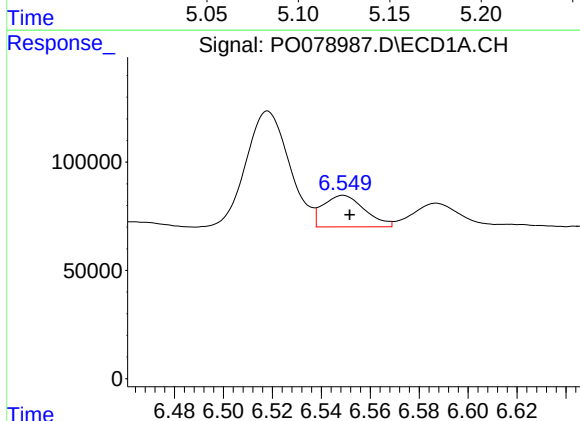
R.T.: 6.126 min
Delta R.T.: -0.002 min
Response: 846490
Conc: 326.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



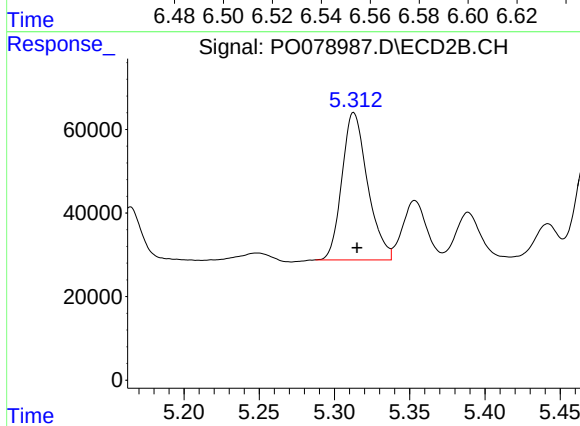
#23 AR-1248-3

R.T.: 5.132 min
Delta R.T.: -0.002 min
Response: 434268
Conc: 437.43 ng/ml



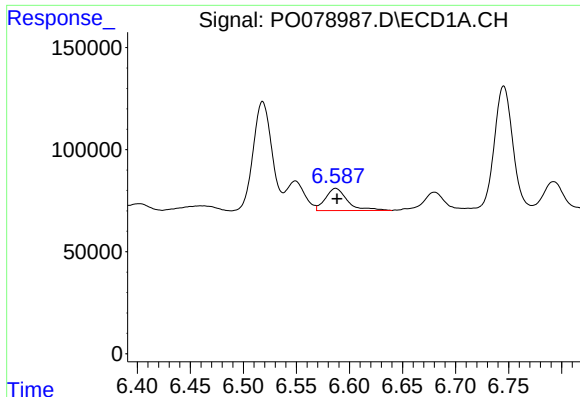
#24 AR-1248-4

R.T.: 6.549 min
Delta R.T.: -0.003 min
Response: 171926
Conc: 62.03 ng/ml



#24 AR-1248-4

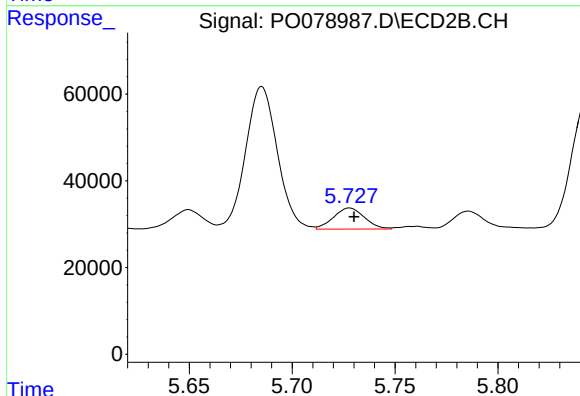
R.T.: 5.313 min
Delta R.T.: -0.002 min
Response: 418565
Conc: 356.47 ng/ml



#25 AR-1248-5

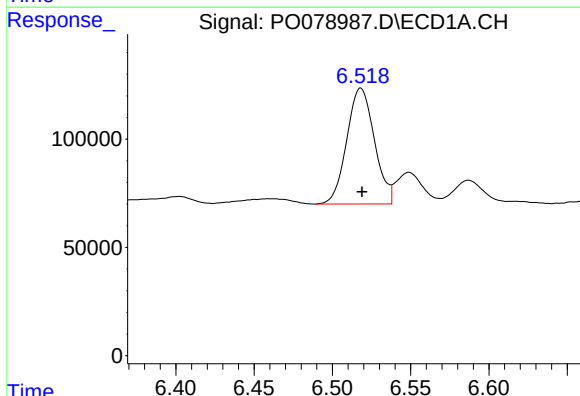
R.T.: 6.587 min
Delta R.T.: -0.001 min
Response: 157240
Conc: 57.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



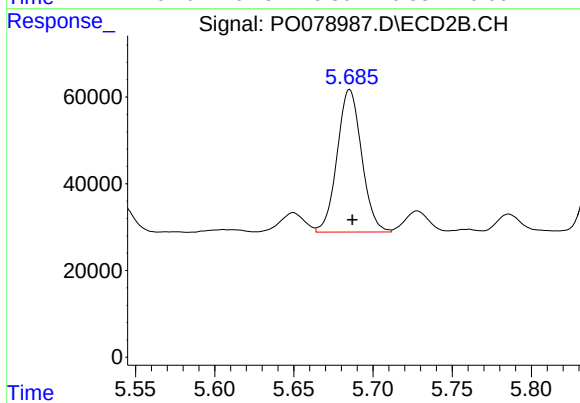
#25 AR-1248-5

R.T.: 5.728 min
Delta R.T.: -0.002 min
Response: 50983
Conc: 47.35 ng/ml



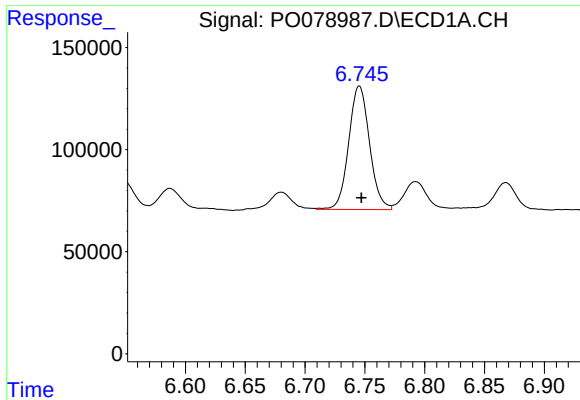
#26 AR-1254-1

R.T.: 6.518 min
Delta R.T.: 0.000 min
Response: 657350
Conc: 244.05 ng/ml



#26 AR-1254-1

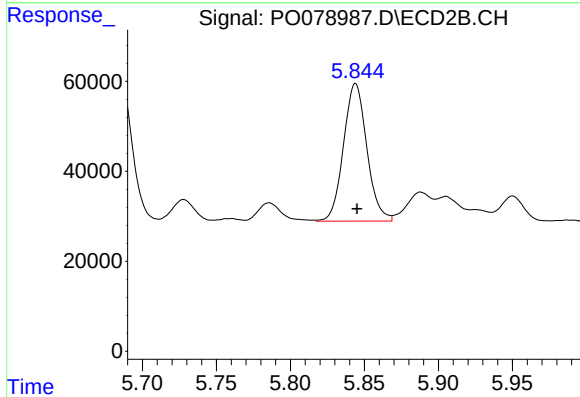
R.T.: 5.685 min
Delta R.T.: -0.002 min
Response: 354250
Conc: 213.23 ng/ml



#27 AR-1254-2

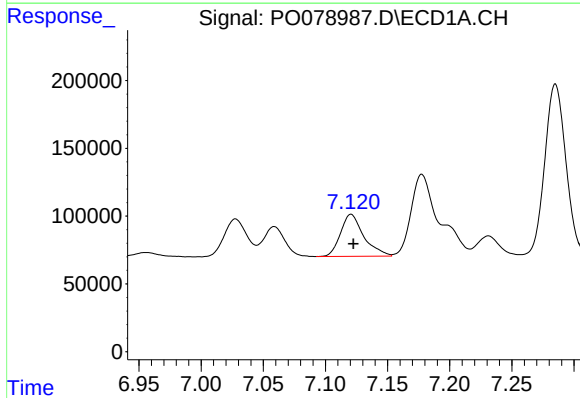
R.T.: 6.745 min
Delta R.T.: -0.002 min
Response: 733223
Conc: 174.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



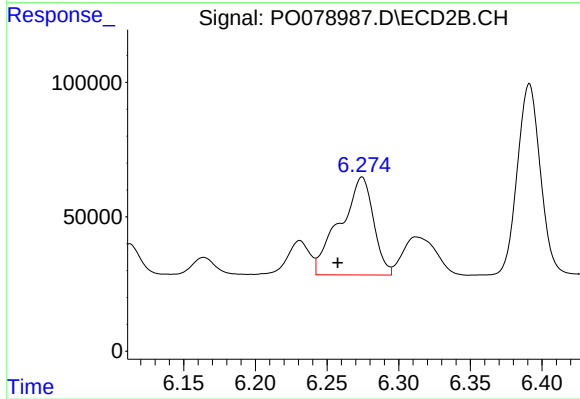
#27 AR-1254-2

R.T.: 5.844 min
Delta R.T.: 0.000 min
Response: 336443
Conc: 228.30 ng/ml



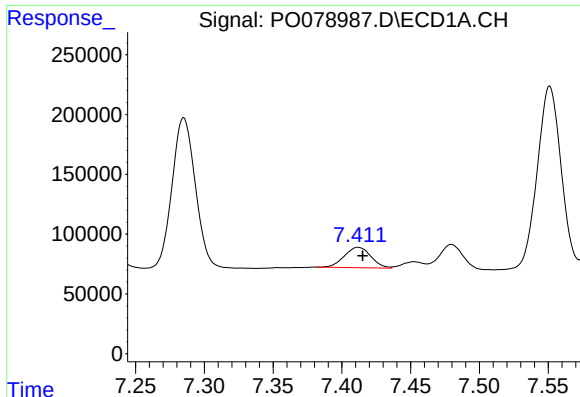
#28 AR-1254-3

R.T.: 7.121 min
Delta R.T.: -0.002 min
Response: 404150
Conc: 90.75 ng/ml



#28 AR-1254-3

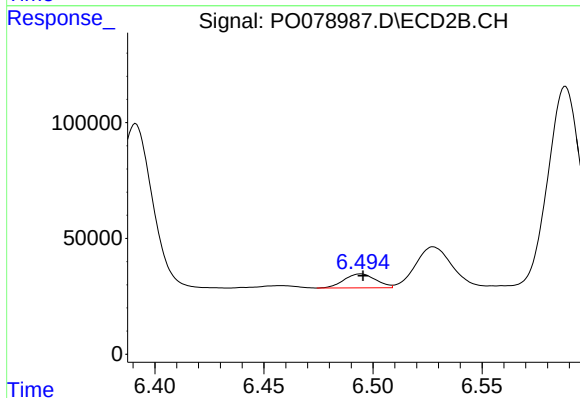
R.T.: 6.274 min
Delta R.T.: 0.017 min
Response: 592325
Conc: 266.31 ng/ml



#29 AR-1254-4

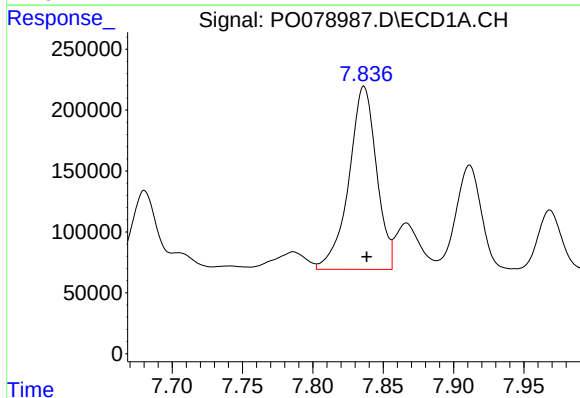
R.T.: 7.412 min
Delta R.T.: -0.003 min
Response: 230566
Conc: 74.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



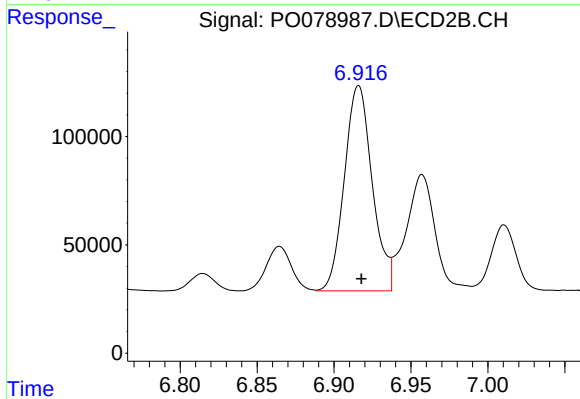
#29 AR-1254-4

R.T.: 6.494 min
Delta R.T.: -0.001 min
Response: 60938
Conc: 44.82 ng/ml



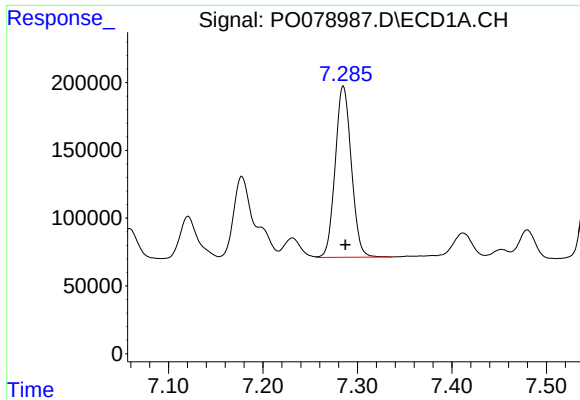
#30 AR-1254-5

R.T.: 7.836 min
Delta R.T.: -0.002 min
Response: 2054585
Conc: 629.40 ng/ml



#30 AR-1254-5

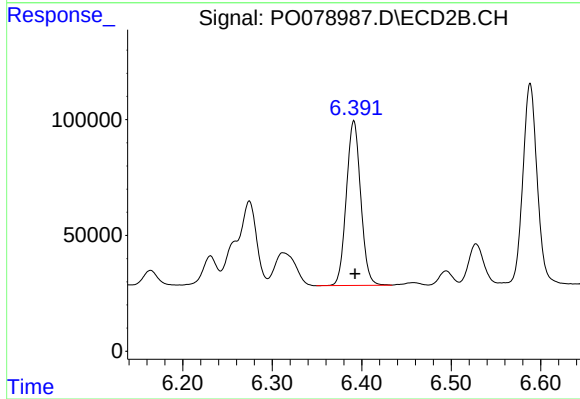
R.T.: 6.916 min
Delta R.T.: -0.002 min
Response: 1191358
Conc: 598.32 ng/ml



#31 AR-1260-1

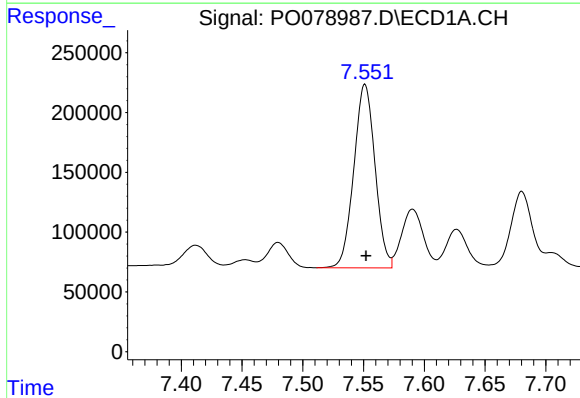
R.T.: 7.285 min
Delta R.T.: -0.002 min
Response: 1497704
Conc: 449.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



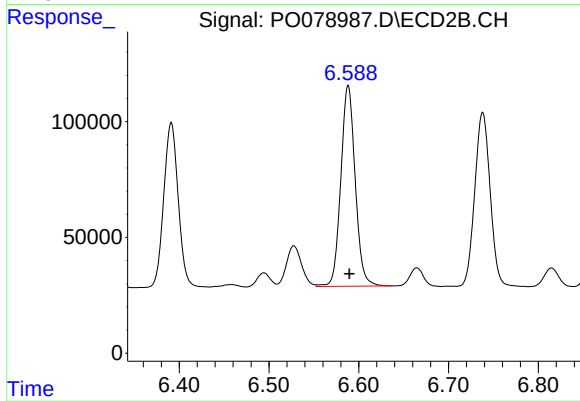
#31 AR-1260-1

R.T.: 6.391 min
Delta R.T.: -0.001 min
Response: 796195
Conc: 491.89 ng/ml



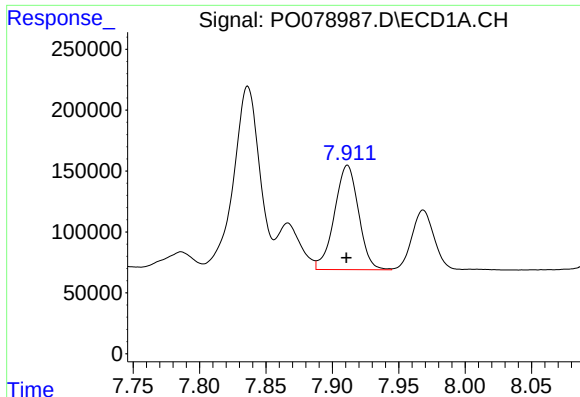
#32 AR-1260-2

R.T.: 7.551 min
Delta R.T.: 0.000 min
Response: 1864437
Conc: 479.70 ng/ml



#32 AR-1260-2

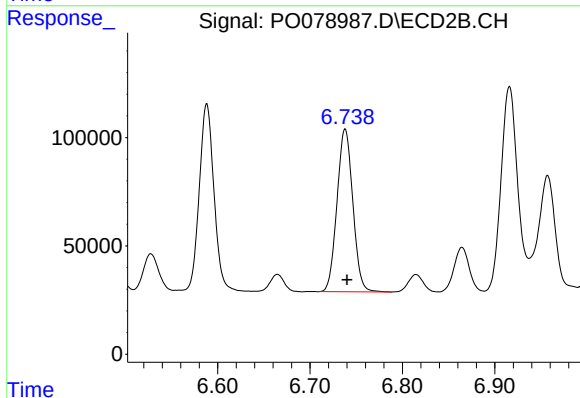
R.T.: 6.588 min
Delta R.T.: -0.001 min
Response: 965274
Conc: 498.14 ng/ml



#33 AR-1260-3

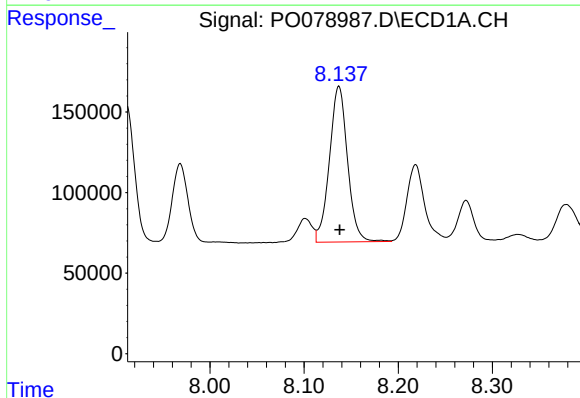
R.T.: 7.911 min
Delta R.T.: 0.000 min
Response: 1083202
Conc: 357.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



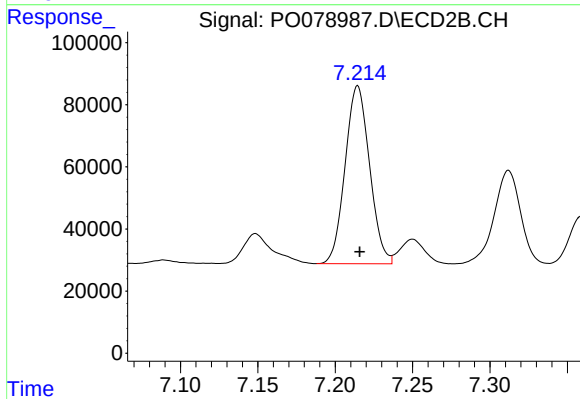
#33 AR-1260-3

R.T.: 6.738 min
Delta R.T.: -0.002 min
Response: 892950
Conc: 484.98 ng/ml



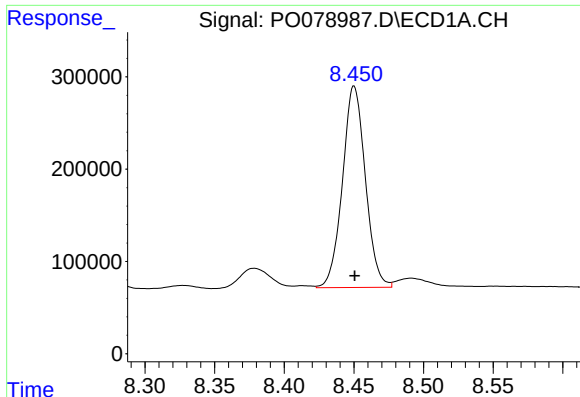
#34 AR-1260-4

R.T.: 8.137 min
Delta R.T.: 0.000 min
Response: 1290107
Conc: 393.98 ng/ml



#34 AR-1260-4

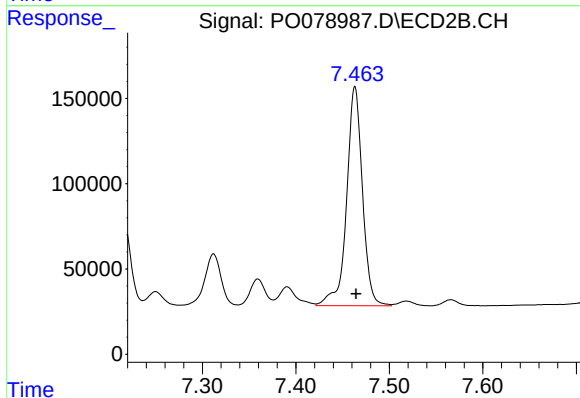
R.T.: 7.215 min
Delta R.T.: -0.001 min
Response: 631263
Conc: 414.36 ng/ml



#35 AR-1260-5

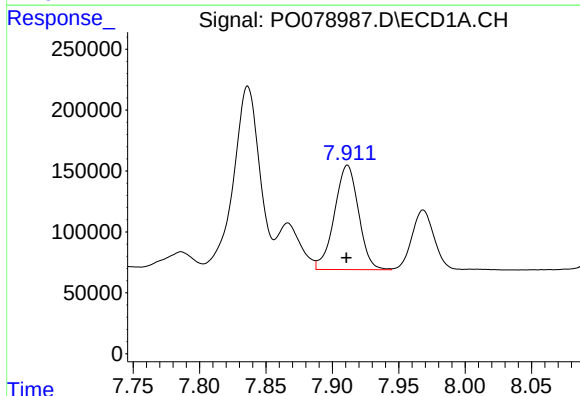
R.T.: 8.450 min
Delta R.T.: 0.000 min
Response: 2499143
Conc: 390.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



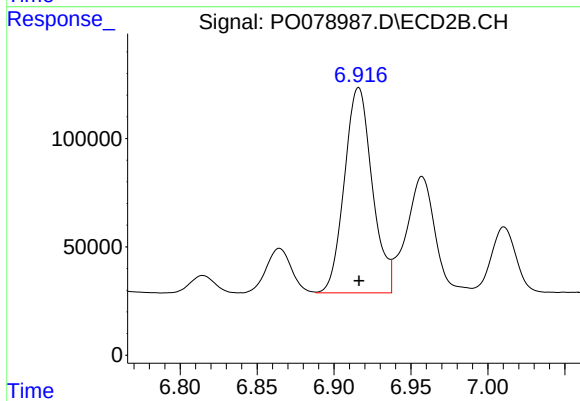
#35 AR-1260-5

R.T.: 7.463 min
Delta R.T.: -0.001 min
Response: 1512423
Conc: 427.11 ng/ml



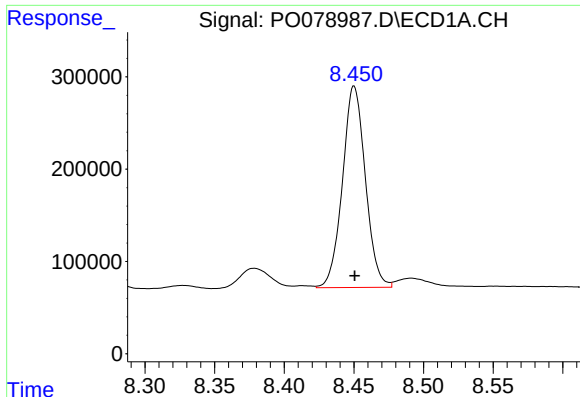
#36 AR-1262-1

R.T.: 7.911 min
Delta R.T.: 0.000 min
Response: 1083202
Conc: 263.65 ng/ml



#36 AR-1262-1

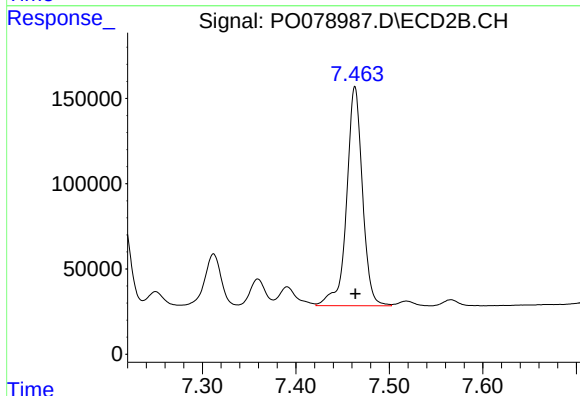
R.T.: 6.916 min
Delta R.T.: 0.000 min
Response: 1191358
Conc: 1142.85 ng/ml



#37 AR-1262-2

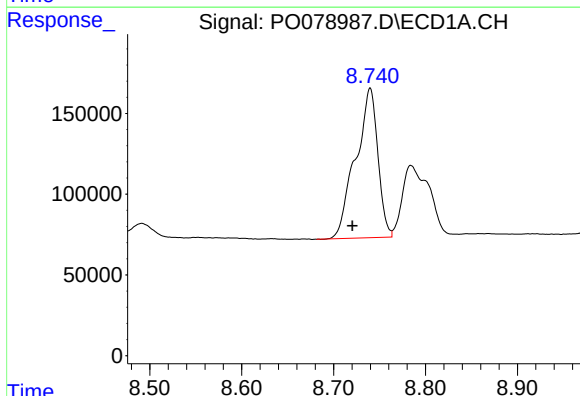
R.T.: 8.450 min
Delta R.T.: 0.000 min
Response: 2499143
Conc: 375.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



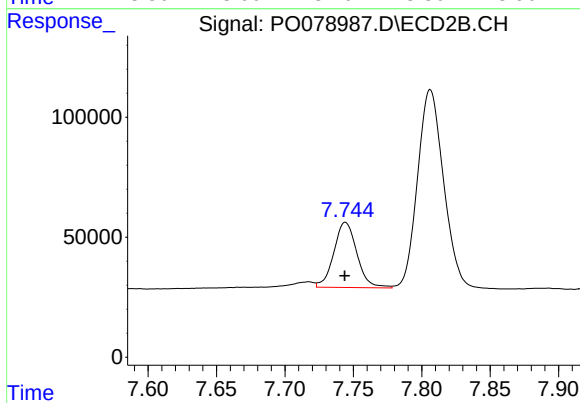
#37 AR-1262-2

R.T.: 7.463 min
Delta R.T.: 0.000 min
Response: 1512423
Conc: 428.59 ng/ml



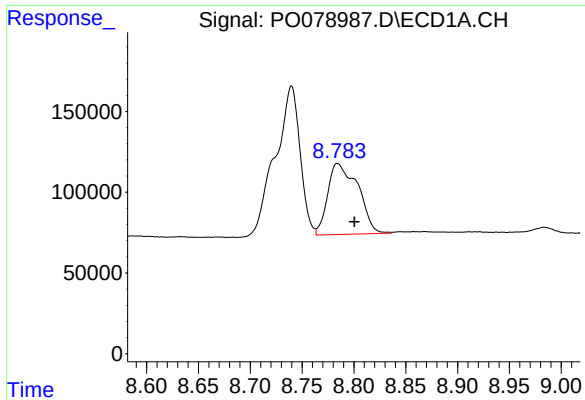
#38 AR-1262-3

R.T.: 8.740 min
Delta R.T.: 0.019 min
Response: 1553611
Conc: 340.11 ng/ml



#38 AR-1262-3

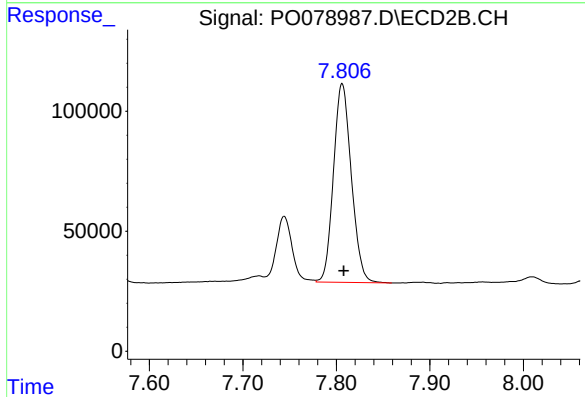
R.T.: 7.744 min
Delta R.T.: 0.000 min
Response: 318931
Conc: 222.50 ng/ml



#39 AR-1262-4

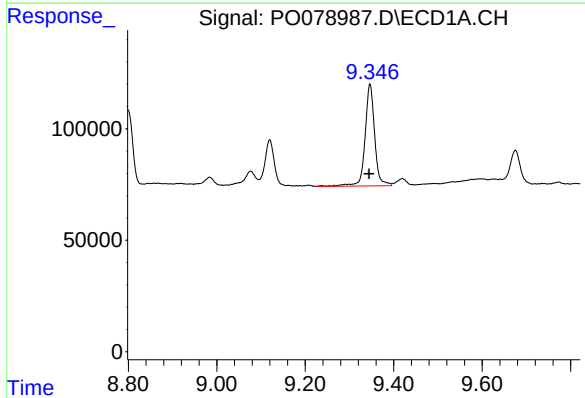
R.T.: 8.785 min
Delta R.T.: -0.016 min
Response: 892863
Conc: 239.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



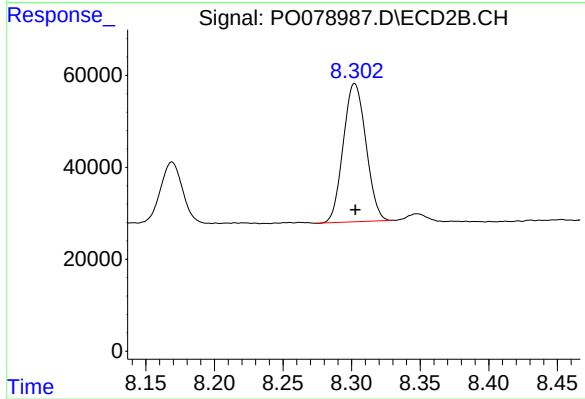
#39 AR-1262-4

R.T.: 7.806 min
Delta R.T.: -0.002 min
Response: 1098578
Conc: 408.45 ng/ml



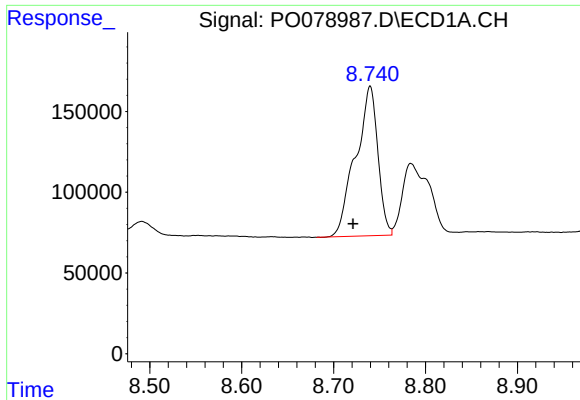
#40 AR-1262-5

R.T.: 9.346 min
Delta R.T.: 0.002 min
Response: 684046
Conc: 282.33 ng/ml



#40 AR-1262-5

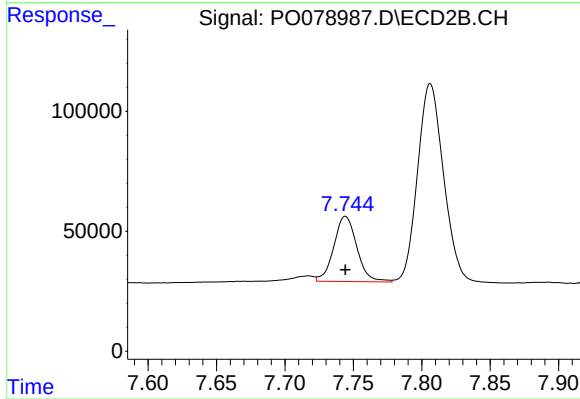
R.T.: 8.302 min
Delta R.T.: 0.000 min
Response: 345971
Conc: 285.66 ng/ml



#41 AR-1268-1

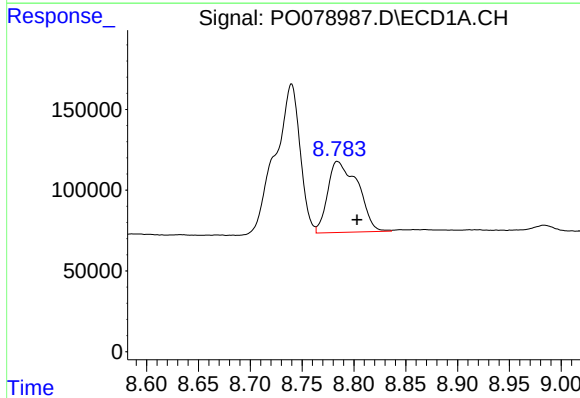
R.T.: 8.740 min
Delta R.T.: 0.018 min
Response: 1553611
Conc: 191.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



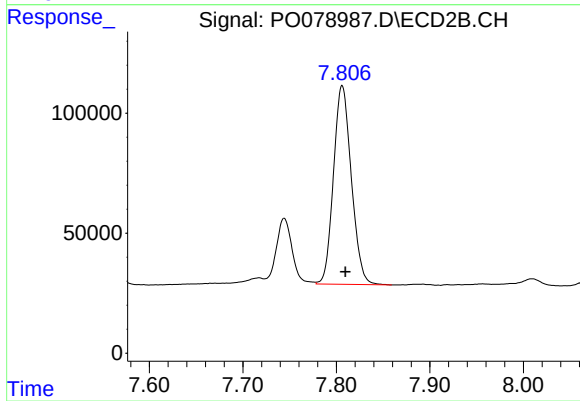
#41 AR-1268-1

R.T.: 7.744 min
Delta R.T.: 0.000 min
Response: 318931
Conc: 72.62 ng/ml



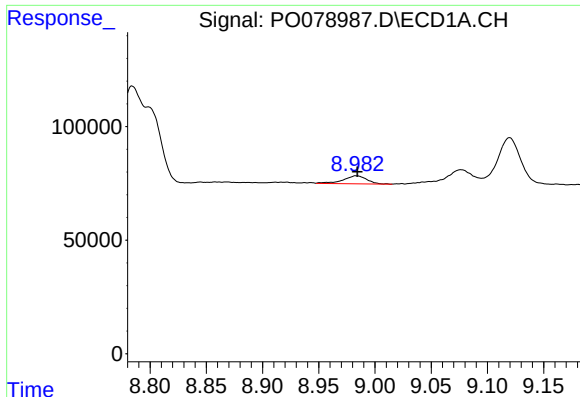
#42 AR-1268-2

R.T.: 8.785 min
Delta R.T.: -0.018 min
Response: 892863
Conc: 119.41 ng/ml



#42 AR-1268-2

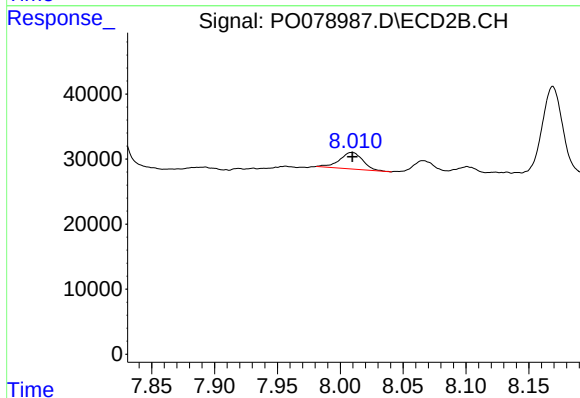
R.T.: 7.806 min
Delta R.T.: -0.003 min
Response: 1098578
Conc: 278.23 ng/ml



#43 AR-1268-3

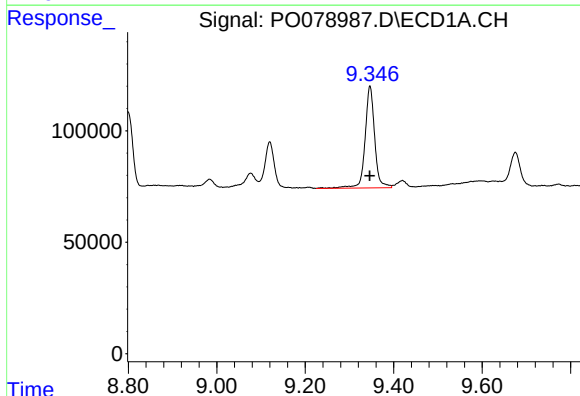
R.T.: 8.984 min
Delta R.T.: 0.000 min
Response: 50867
Conc: 7.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



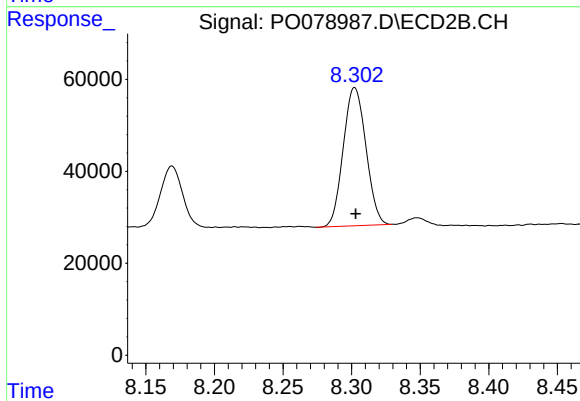
#43 AR-1268-3

R.T.: 8.009 min
Delta R.T.: 0.000 min
Response: 32911
Conc: 9.67 ng/ml



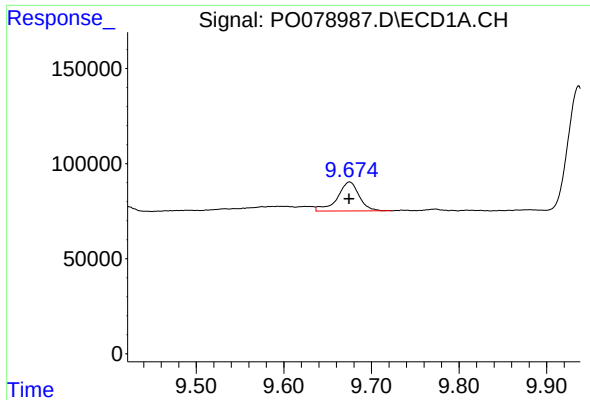
#44 AR-1268-4

R.T.: 9.346 min
Delta R.T.: 0.000 min
Response: 684046
Conc: 265.76 ng/ml



#44 AR-1268-4

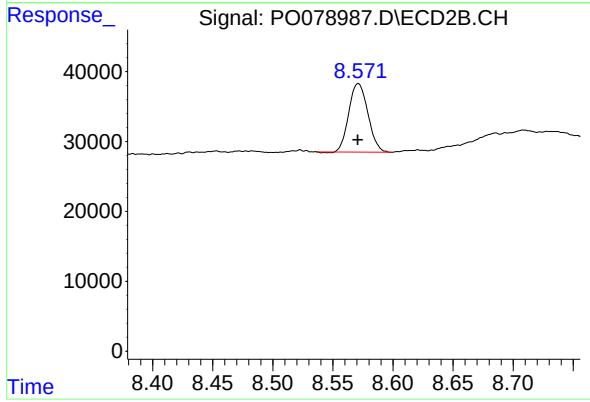
R.T.: 8.302 min
Delta R.T.: 0.000 min
Response: 345971
Conc: 242.07 ng/ml



#45 AR-1268-5

R.T.: 9.675 min
Delta R.T.: 0.000 min
Response: 264528
Conc: 13.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.571 min
Delta R.T.: 0.000 min
Response: 108613
Conc: 10.54 ng/ml