

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061021\
 Data File : P0078628.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 Jun 2021 20:03
 Operator : DD\AJ
 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: Jun 11 02:23:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0060721.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 08 05:39:51 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...	4.333	3.610	4651109	1860904	60.894	58.903
2)	SA Decachlor...	9.942	8.795	2683486	1597709	66.181	66.445
Target Compounds							
3)	L1 AR-1016-1	5.629	4.838	1393440	620135	595.095	592.808
4)	L1 AR-1016-2	5.651	4.857	2140856	930235	593.814	589.242
5)	L1 AR-1016-3	5.715	5.044	1292199	476055	590.866	594.494
6)	L1 AR-1016-4	5.820	5.097	1073567	411000	611.899	581.987
7)	L1 AR-1016-5	6.131	5.321	1087123	488211	626.646	559.739
8)	L2 AR-1221-1	4.580	3.861	127377	59521	152.287	156.310
9)	L2 AR-1221-2	4.678	3.958	197711	89968	326.427	319.909
10)	L2 AR-1221-3	4.764	4.045	800940	347529	404.135	385.814
11)	L3 AR-1232-1	4.764	4.045	800940	347529	523.159	478.017
12)	L3 AR-1232-2	5.338	4.857	1193443	930235	1535.217	1350.136
13)	L3 AR-1232-3	5.651	5.044	2140856	476055	1468.181	1390.126
14)	L3 AR-1232-4	5.820	5.140	1073567	487106	1530.117	1584.039
15)	L3 AR-1232-5	5.920	5.321	880731	488211	1748.387	1400.513
16)	L4 AR-1242-1	5.629	4.838	1393440	620135	771.436	737.311
17)	L4 AR-1242-2	5.651	4.857	2140856	930235	798.059	756.139
18)	L4 AR-1242-3	5.715	5.044	1292199	476055	784.969	750.685
19)	L4 AR-1242-4	5.820	5.140	1073567	487106	797.098	744.471
20)	L4 AR-1242-5	6.591	5.694	161534	385607	120.695	468.977 #
21)	L5 AR-1248-1	5.629	4.838	1393440	620135	1024.888	959.551
22)	L5 AR-1248-2	5.920	5.097	880731	411000	453.586	421.508
23)	L5 AR-1248-3	6.131	5.140	1087123	487106	481.028	502.063
24)	L5 AR-1248-4	6.553	5.321	204392	488211	86.273	421.473 #
25)	L5 AR-1248-5	6.591	5.736	161534	61512	69.413	56.103
26)	L6 AR-1254-1	6.522	5.694	691416	385607	273.216	223.419
27)	L6 AR-1254-2	6.750	5.852	798052	350171	200.963	218.381
28)	L6 AR-1254-3	7.126	6.283	585639	708218	140.995	296.004 #
29)	L6 AR-1254-4	7.416	6.503	429212	99214	145.976	67.796 #
30)	L6 AR-1254-5	7.841	6.925	2459544	1256141	767.062	550.971 #
31)	L7 AR-1260-1	7.290	6.399	1947353	944552	664.166	595.311
32)	L7 AR-1260-2	7.556	6.596	2219393	1157141	674.667	621.278
33)	L7 AR-1260-3	7.915	6.747	1568792	1054796	662.494	594.462
34)	L7 AR-1260-4	8.142	7.223	1656107	873562	643.906	596.140
35)	L7 AR-1260-5	8.454	7.472	3011769	2038508	592.254	584.223
36)	L8 AR-1262-1	7.915	6.925	1568792	1256141	401.044	1051.499 #
37)	L8 AR-1262-2	8.454	7.472	3011769	2038508	470.756	519.786
38)	L8 AR-1262-3	8.744	7.753	1888821	498005	452.249	302.534 #
39)	L8 AR-1262-4	8.788f	7.815	1149072	1572280	370.796	522.691 #
40)	L8 AR-1262-5	9.350	8.311	802914	549852	423.743	405.156
41)	L9 AR-1268-1	8.744f	7.753	1888821	498005	263.332	109.645 #

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 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

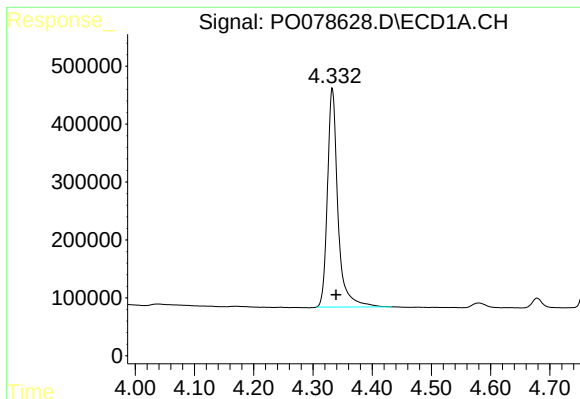
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 02:23:30 2021
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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	8.788f	7.815	1149072	1572280	180.368	383.957 #
43) L9	AR-1268-3	8.988	8.019	57093	24305	10.993	6.967 #
44) L9	AR-1268-4	9.350	8.311	802914	549852	405.583	374.599
45) L9	AR-1268-5	9.680	8.580	232961	164742	15.141	15.905

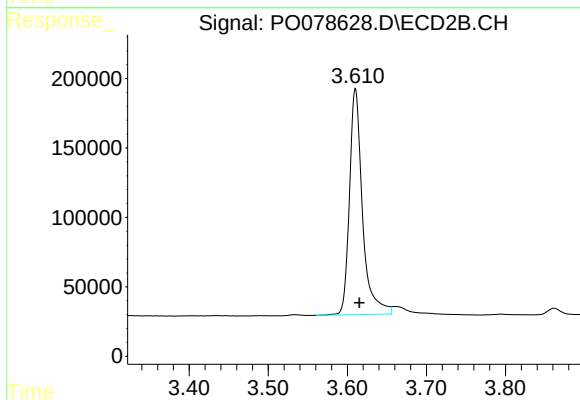
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

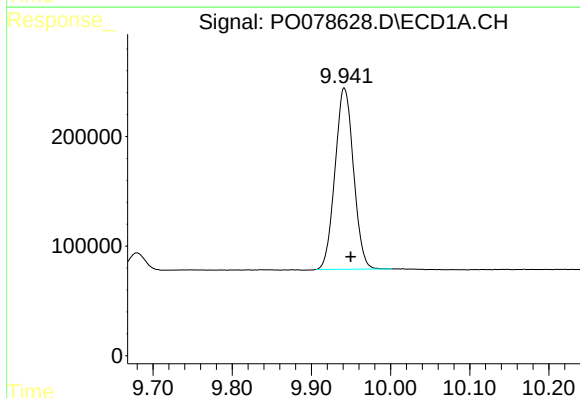
R.T.: 4.333 min
Delta R.T.: -0.006 min
Response: 4651109
Conc: 60.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



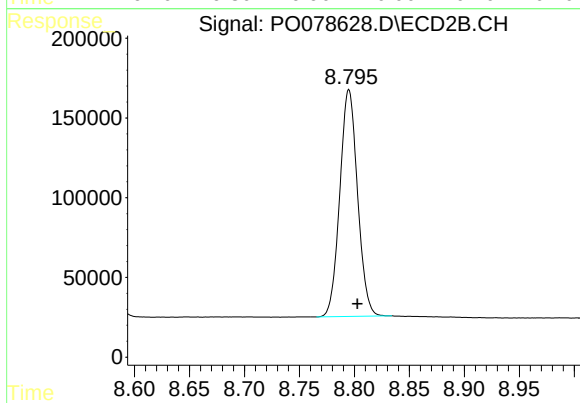
#1 Tetrachloro-m-xylene

R.T.: 3.610 min
Delta R.T.: -0.005 min
Response: 1860904
Conc: 58.90 ng/ml



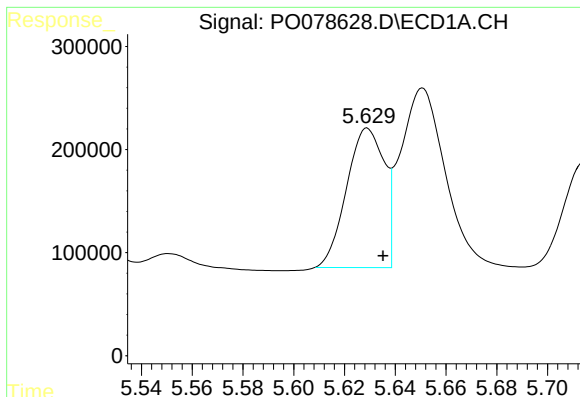
#2 Decachlorobiphenyl

R.T.: 9.942 min
Delta R.T.: -0.008 min
Response: 2683486
Conc: 66.18 ng/ml



#2 Decachlorobiphenyl

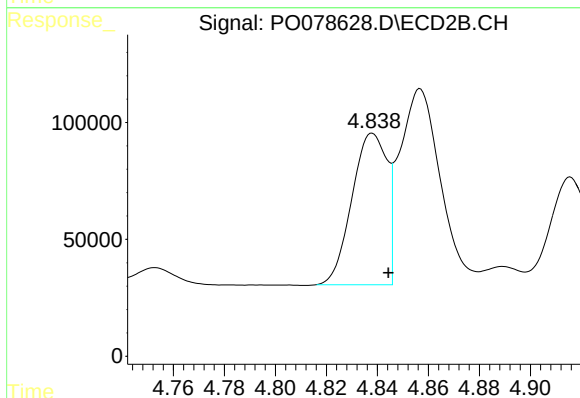
R.T.: 8.795 min
Delta R.T.: -0.008 min
Response: 1597709
Conc: 66.45 ng/ml



#3 AR-1016-1

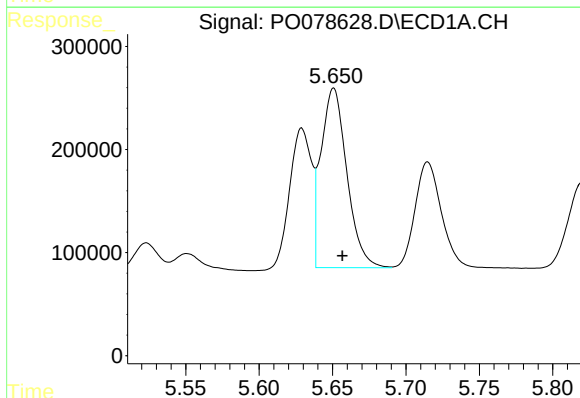
R.T.: 5.629 min
Delta R.T.: -0.006 min
Response: 1393440
Conc: 595.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



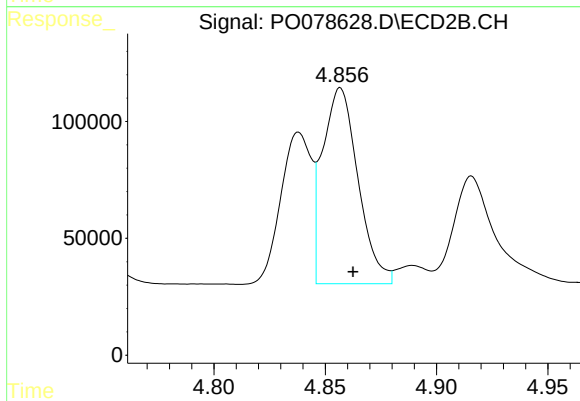
#3 AR-1016-1

R.T.: 4.838 min
Delta R.T.: -0.006 min
Response: 620135
Conc: 592.81 ng/ml



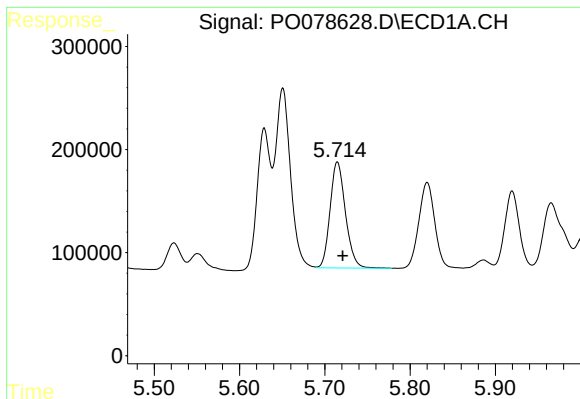
#4 AR-1016-2

R.T.: 5.651 min
Delta R.T.: -0.006 min
Response: 2140856
Conc: 593.81 ng/ml



#4 AR-1016-2

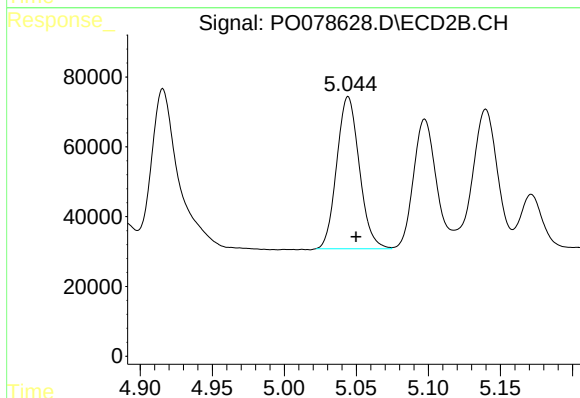
R.T.: 4.857 min
Delta R.T.: -0.006 min
Response: 930235
Conc: 589.24 ng/ml



#5 AR-1016-3

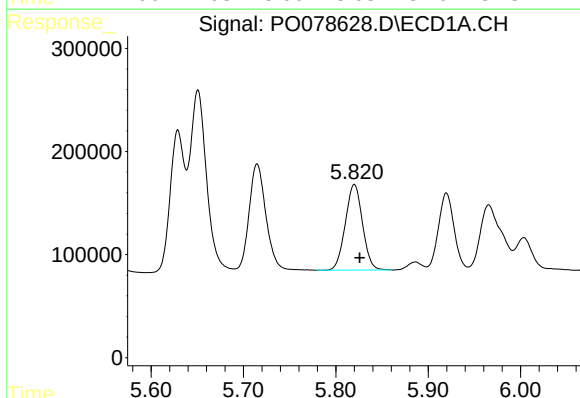
R.T.: 5.715 min
Delta R.T.: -0.006 min
Response: 1292199
Conc: 590.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



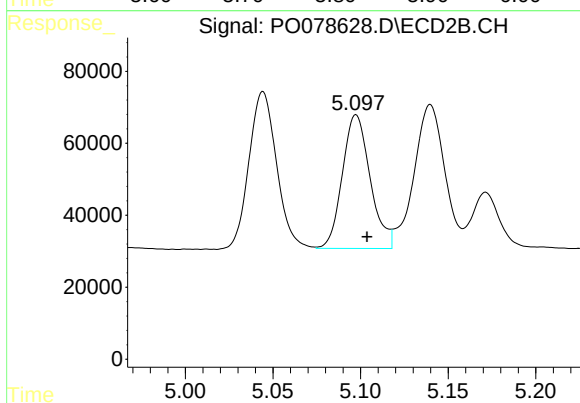
#5 AR-1016-3

R.T.: 5.044 min
Delta R.T.: -0.006 min
Response: 476055
Conc: 594.49 ng/ml



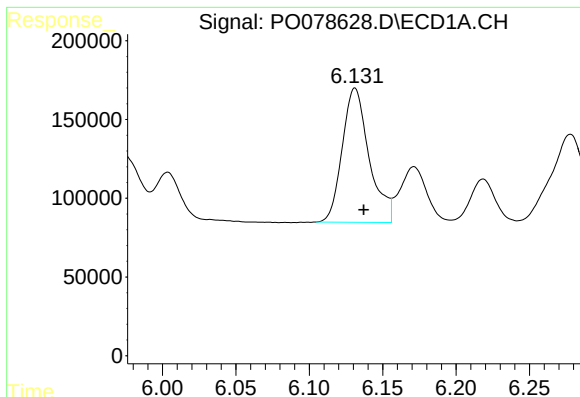
#6 AR-1016-4

R.T.: 5.820 min
Delta R.T.: -0.006 min
Response: 1073567
Conc: 611.90 ng/ml



#6 AR-1016-4

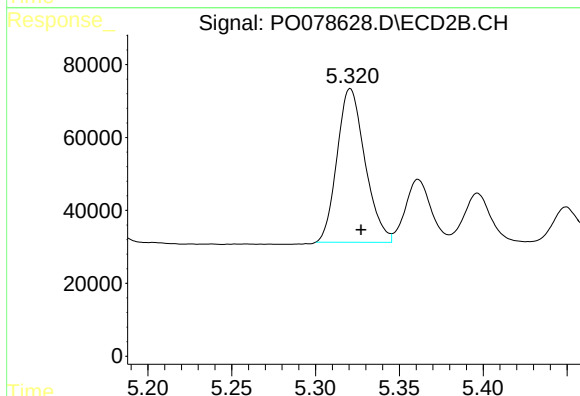
R.T.: 5.097 min
Delta R.T.: -0.006 min
Response: 411000
Conc: 581.99 ng/ml



#7 AR-1016-5

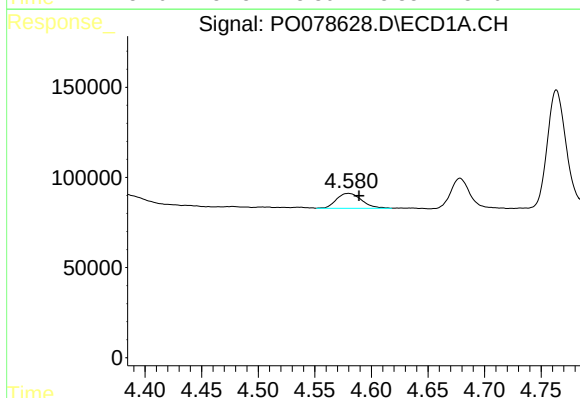
R.T.: 6.131 min
Delta R.T.: -0.006 min
Response: 1087123
Conc: 626.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



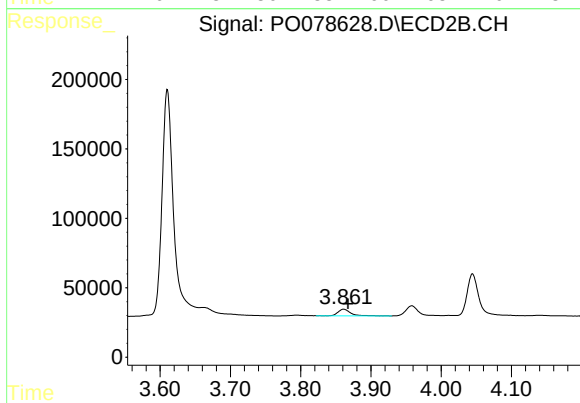
#7 AR-1016-5

R.T.: 5.321 min
Delta R.T.: -0.006 min
Response: 488211
Conc: 559.74 ng/ml



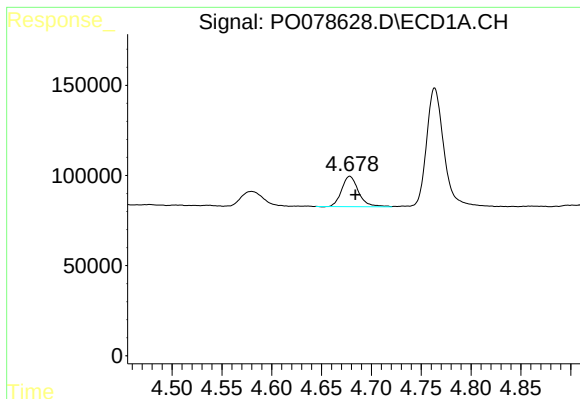
#8 AR-1221-1

R.T.: 4.580 min
Delta R.T.: -0.009 min
Response: 127377
Conc: 152.29 ng/ml



#8 AR-1221-1

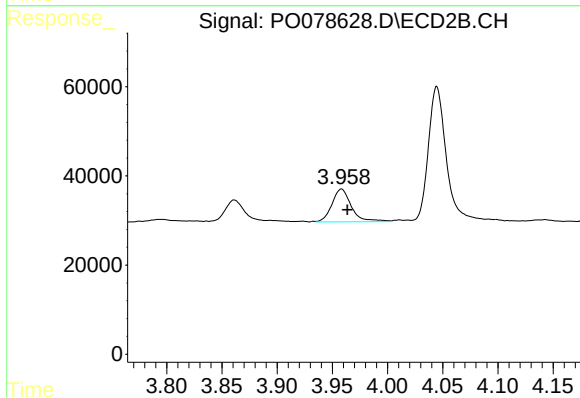
R.T.: 3.861 min
Delta R.T.: -0.006 min
Response: 59521
Conc: 156.31 ng/ml



#9 AR-1221-2

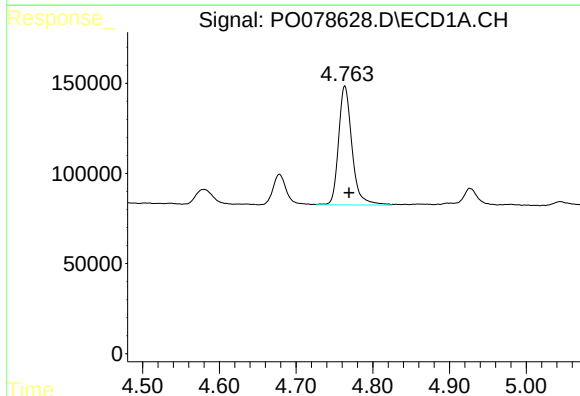
R.T.: 4.678 min
Delta R.T.: -0.006 min
Response: 197711
Conc: 326.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



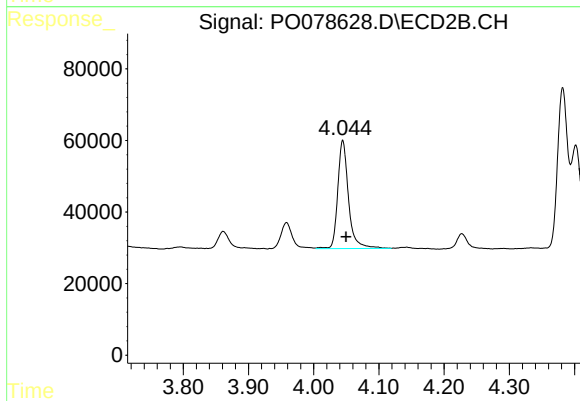
#9 AR-1221-2

R.T.: 3.958 min
Delta R.T.: -0.005 min
Response: 89968
Conc: 319.91 ng/ml



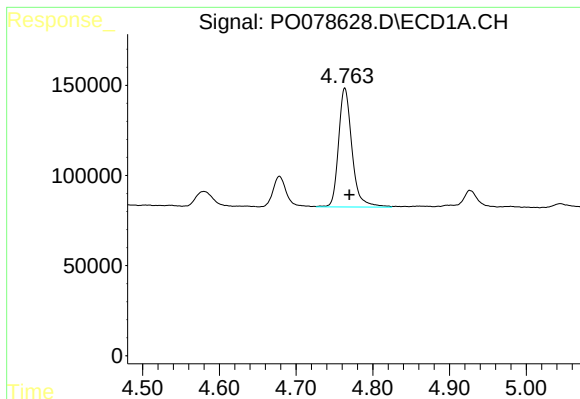
#10 AR-1221-3

R.T.: 4.764 min
Delta R.T.: -0.006 min
Response: 800940
Conc: 404.13 ng/ml



#10 AR-1221-3

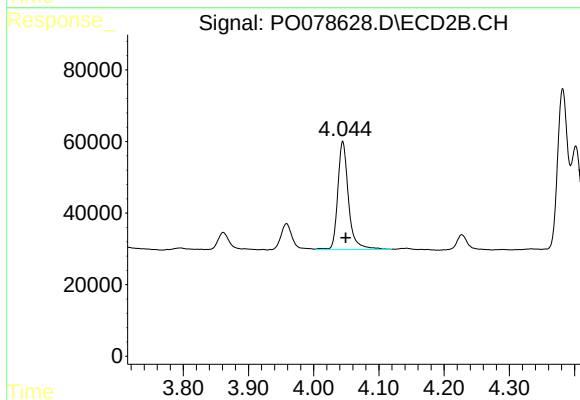
R.T.: 4.045 min
Delta R.T.: -0.005 min
Response: 347529
Conc: 385.81 ng/ml



#11 AR-1232-1

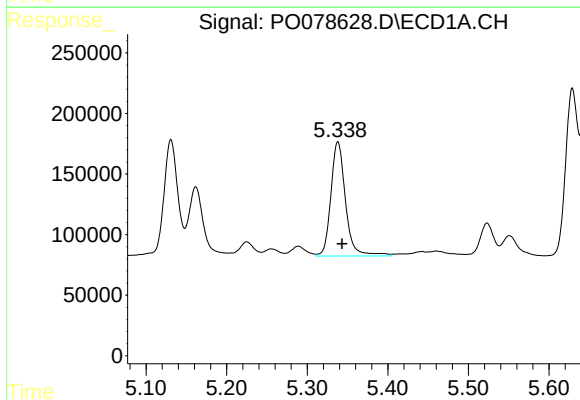
R.T.: 4.764 min
Delta R.T.: -0.006 min
Response: 800940
Conc: 523.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



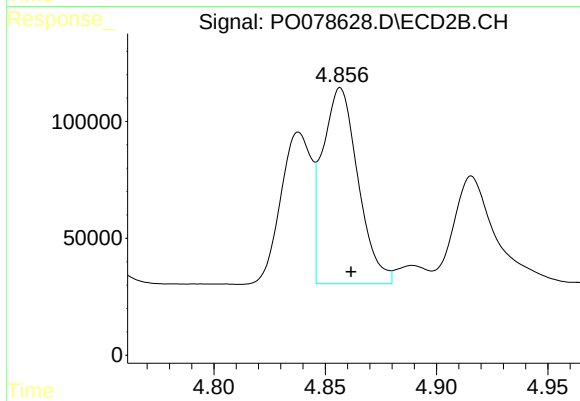
#11 AR-1232-1

R.T.: 4.045 min
Delta R.T.: -0.005 min
Response: 347529
Conc: 478.02 ng/ml



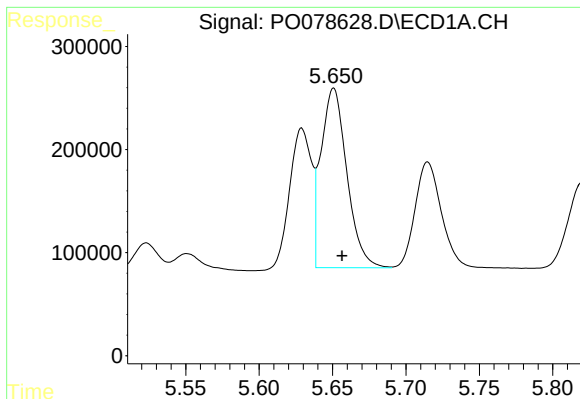
#12 AR-1232-2

R.T.: 5.338 min
Delta R.T.: -0.005 min
Response: 1193443
Conc: 1535.22 ng/ml



#12 AR-1232-2

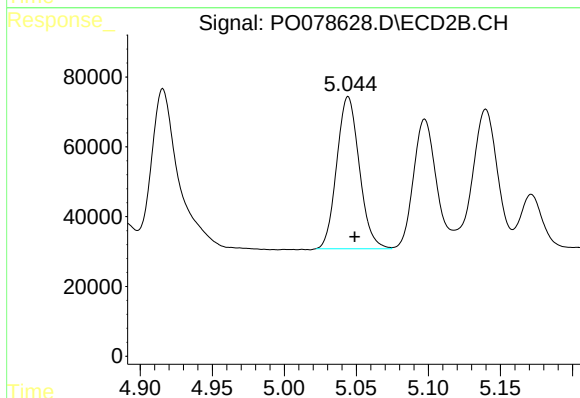
R.T.: 4.857 min
Delta R.T.: -0.005 min
Response: 930235
Conc: 1350.14 ng/ml



#13 AR-1232-3

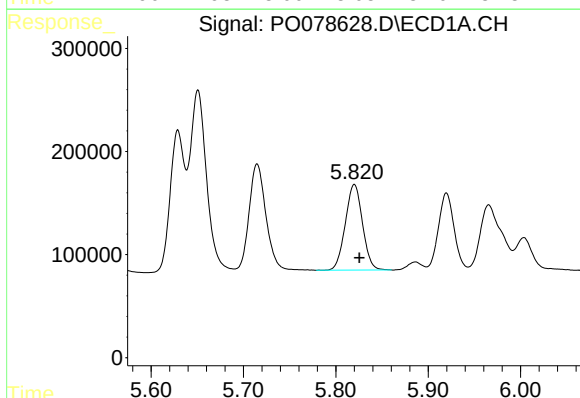
R.T.: 5.651 min
Delta R.T.: -0.006 min
Response: 2140856
Conc: 1468.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



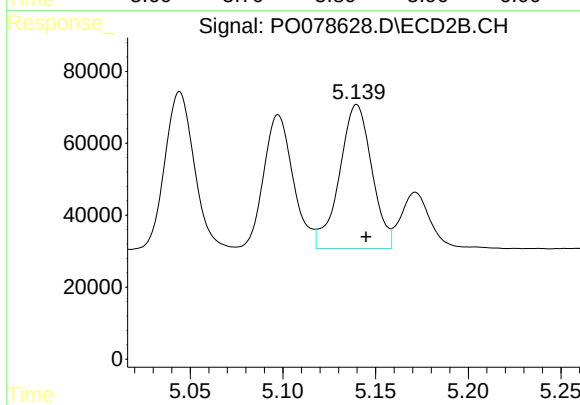
#13 AR-1232-3

R.T.: 5.044 min
Delta R.T.: -0.004 min
Response: 476055
Conc: 1390.13 ng/ml



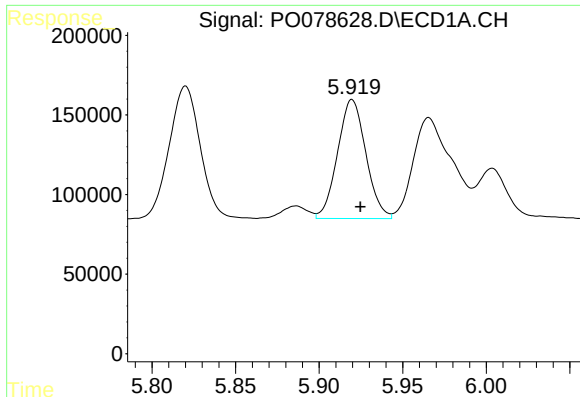
#14 AR-1232-4

R.T.: 5.820 min
Delta R.T.: -0.005 min
Response: 1073567
Conc: 1530.12 ng/ml



#14 AR-1232-4

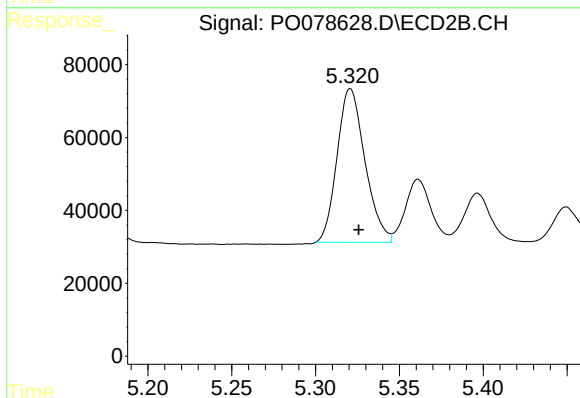
R.T.: 5.140 min
Delta R.T.: -0.005 min
Response: 487106
Conc: 1584.04 ng/ml



#15 AR-1232-5

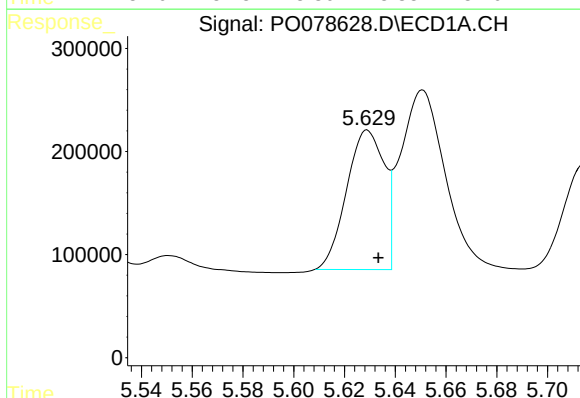
R.T.: 5.920 min
Delta R.T.: -0.005 min
Response: 880731
Conc: 1748.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



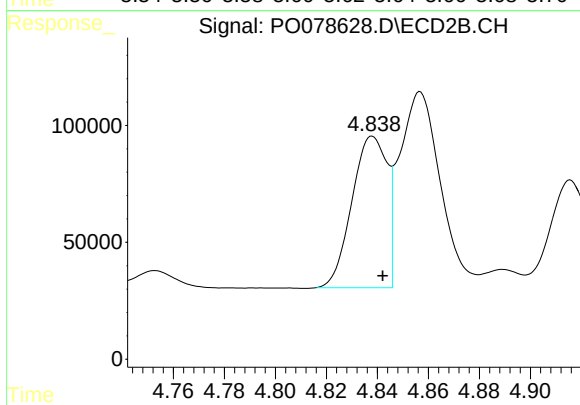
#15 AR-1232-5

R.T.: 5.321 min
Delta R.T.: -0.005 min
Response: 488211
Conc: 1400.51 ng/ml



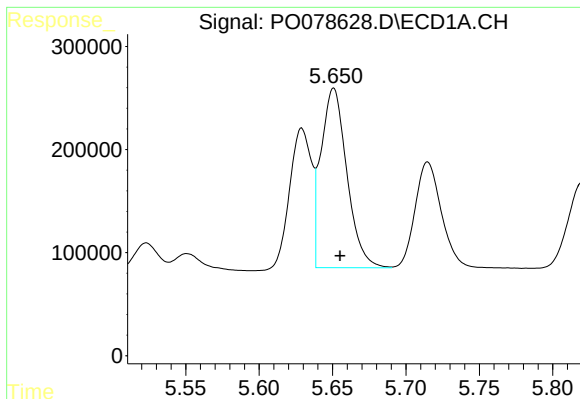
#16 AR-1242-1

R.T.: 5.629 min
Delta R.T.: -0.004 min
Response: 1393440
Conc: 771.44 ng/ml



#16 AR-1242-1

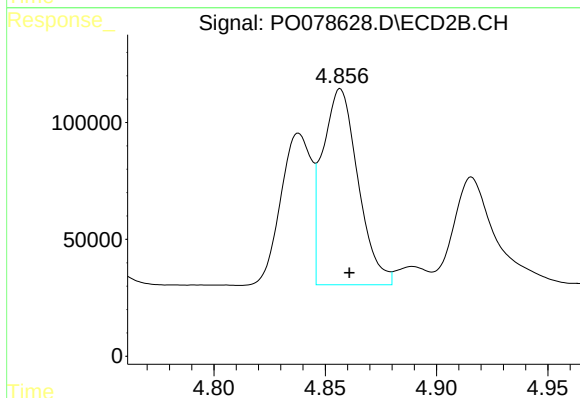
R.T.: 4.838 min
Delta R.T.: -0.004 min
Response: 620135
Conc: 737.31 ng/ml



#17 AR-1242-2

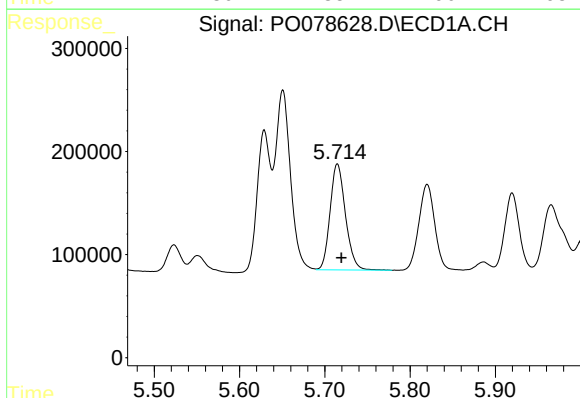
R.T.: 5.651 min
Delta R.T.: -0.004 min
Response: 2140856
Conc: 798.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



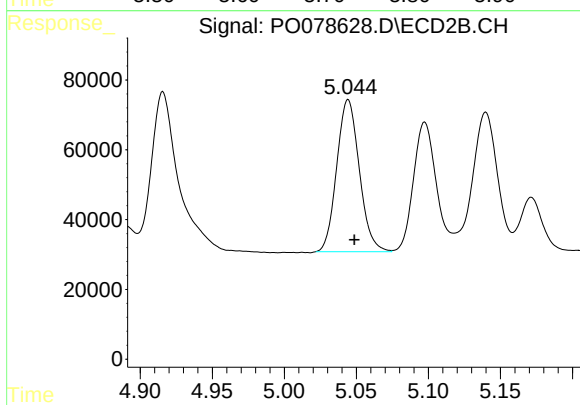
#17 AR-1242-2

R.T.: 4.857 min
Delta R.T.: -0.004 min
Response: 930235
Conc: 756.14 ng/ml



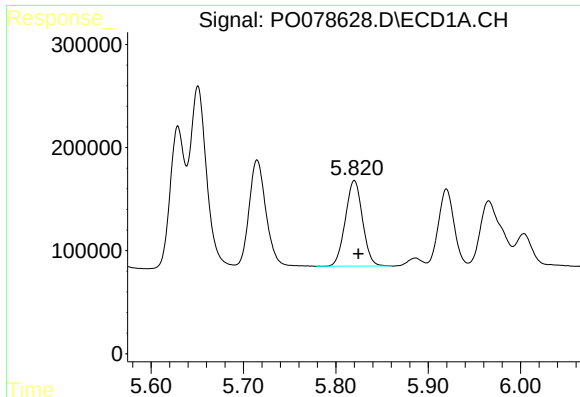
#18 AR-1242-3

R.T.: 5.715 min
Delta R.T.: -0.005 min
Response: 1292199
Conc: 784.97 ng/ml



#18 AR-1242-3

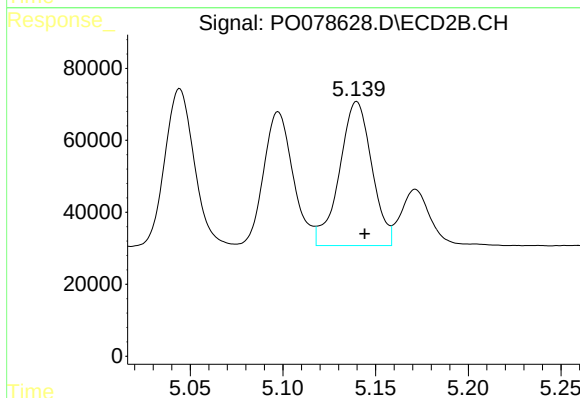
R.T.: 5.044 min
Delta R.T.: -0.004 min
Response: 476055
Conc: 750.69 ng/ml



#19 AR-1242-4

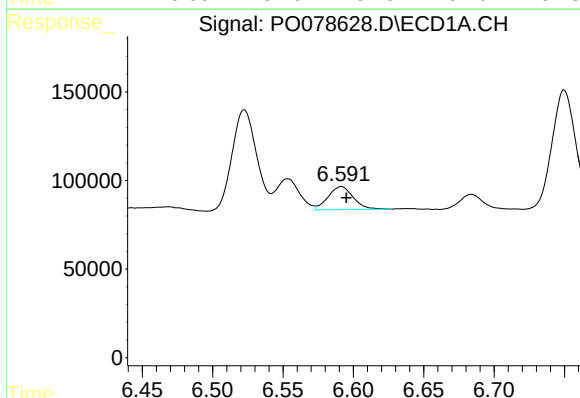
R.T.: 5.820 min
Delta R.T.: -0.004 min
Response: 1073567
Conc: 797.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



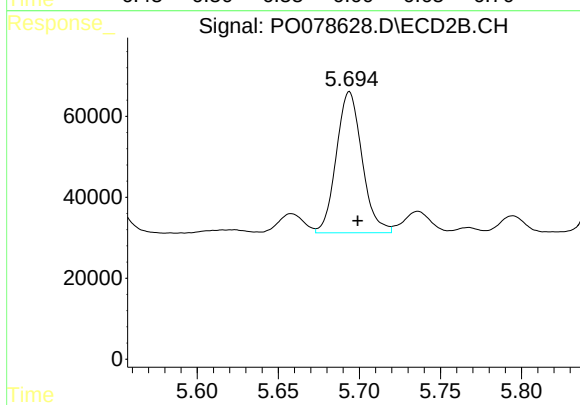
#19 AR-1242-4

R.T.: 5.140 min
Delta R.T.: -0.004 min
Response: 487106
Conc: 744.47 ng/ml



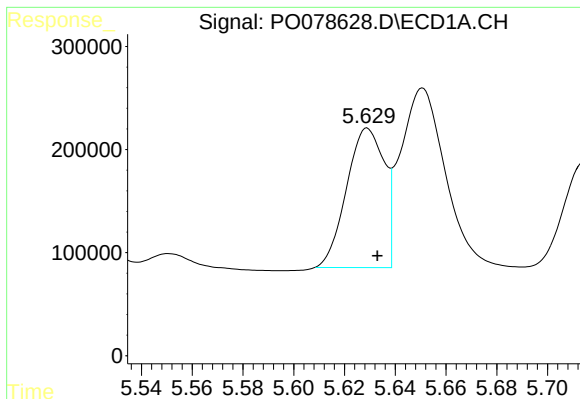
#20 AR-1242-5

R.T.: 6.591 min
Delta R.T.: -0.003 min
Response: 161534
Conc: 120.70 ng/ml



#20 AR-1242-5

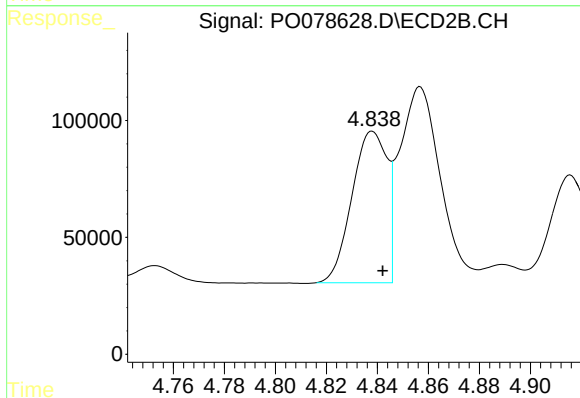
R.T.: 5.694 min
Delta R.T.: -0.005 min
Response: 385607
Conc: 468.98 ng/ml



#21 AR-1248-1

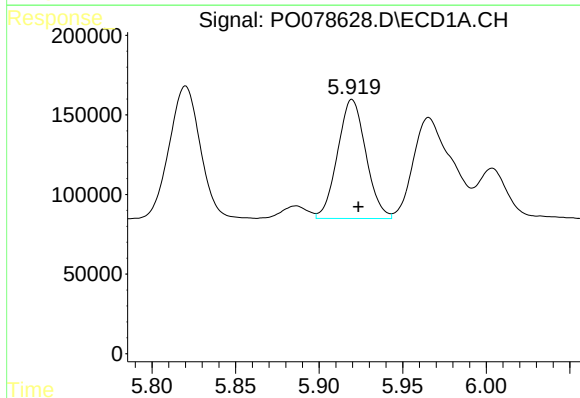
R.T.: 5.629 min
Delta R.T.: -0.004 min
Response: 1393440
Conc: 1024.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



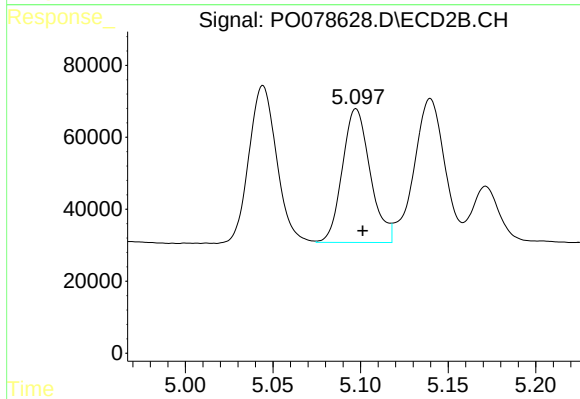
#21 AR-1248-1

R.T.: 4.838 min
Delta R.T.: -0.004 min
Response: 620135
Conc: 959.55 ng/ml



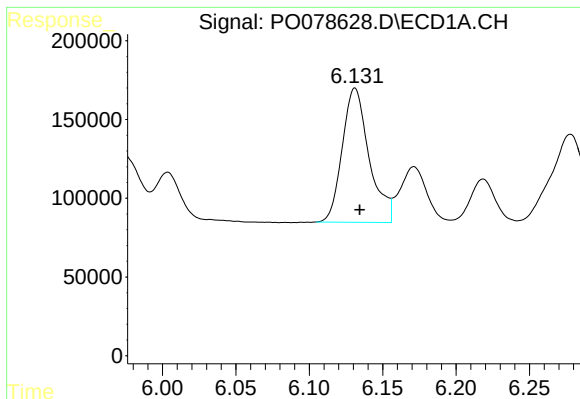
#22 AR-1248-2

R.T.: 5.920 min
Delta R.T.: -0.004 min
Response: 880731
Conc: 453.59 ng/ml



#22 AR-1248-2

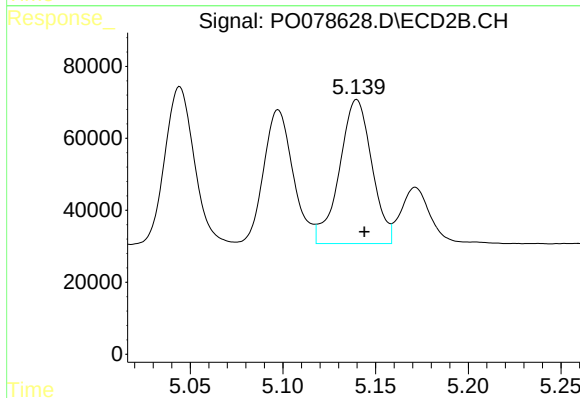
R.T.: 5.097 min
Delta R.T.: -0.004 min
Response: 411000
Conc: 421.51 ng/ml



#23 AR-1248-3

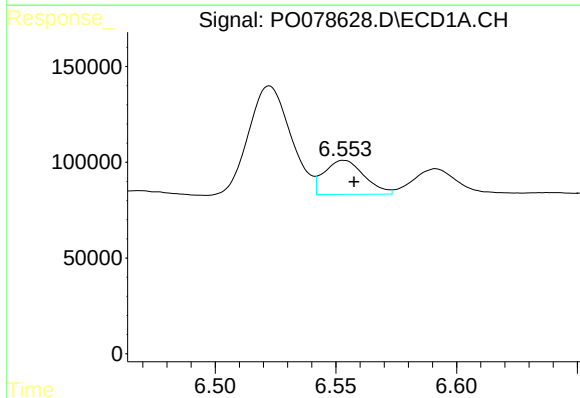
R.T.: 6.131 min
Delta R.T.: -0.003 min
Response: 1087123
Conc: 481.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



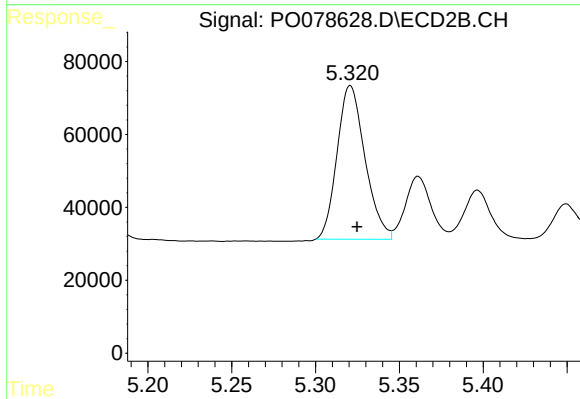
#23 AR-1248-3

R.T.: 5.140 min
Delta R.T.: -0.004 min
Response: 487106
Conc: 502.06 ng/ml



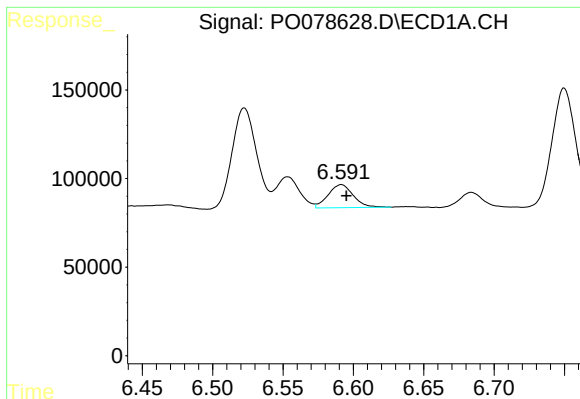
#24 AR-1248-4

R.T.: 6.553 min
Delta R.T.: -0.004 min
Response: 204392
Conc: 86.27 ng/ml



#24 AR-1248-4

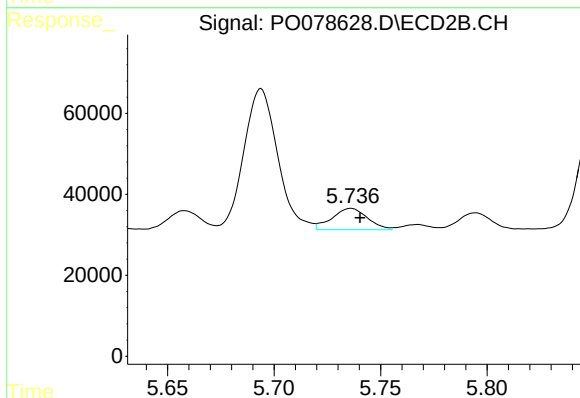
R.T.: 5.321 min
Delta R.T.: -0.004 min
Response: 488211
Conc: 421.47 ng/ml



#25 AR-1248-5

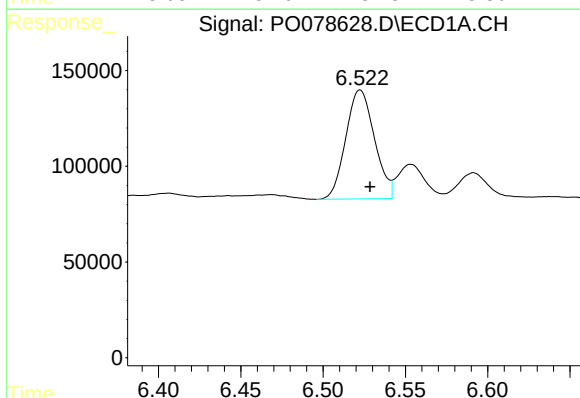
R.T.: 6.591 min
Delta R.T.: -0.004 min
Response: 161534
Conc: 69.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



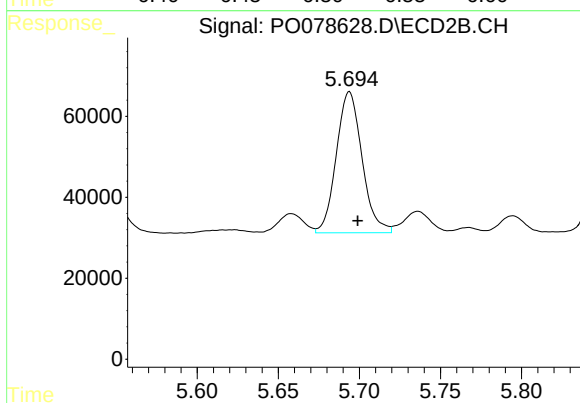
#25 AR-1248-5

R.T.: 5.736 min
Delta R.T.: -0.004 min
Response: 61512
Conc: 56.10 ng/ml



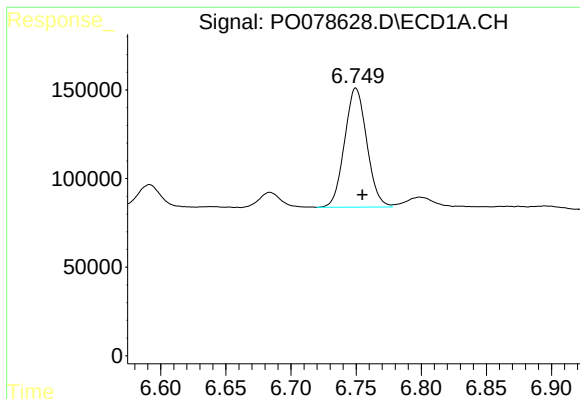
#26 AR-1254-1

R.T.: 6.522 min
Delta R.T.: -0.006 min
Response: 691416
Conc: 273.22 ng/ml



#26 AR-1254-1

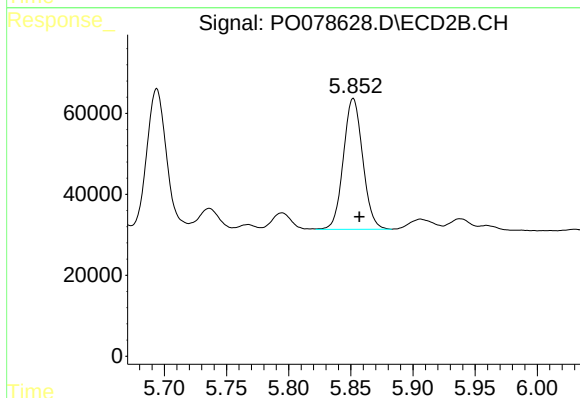
R.T.: 5.694 min
Delta R.T.: -0.005 min
Response: 385607
Conc: 223.42 ng/ml



#27 AR-1254-2

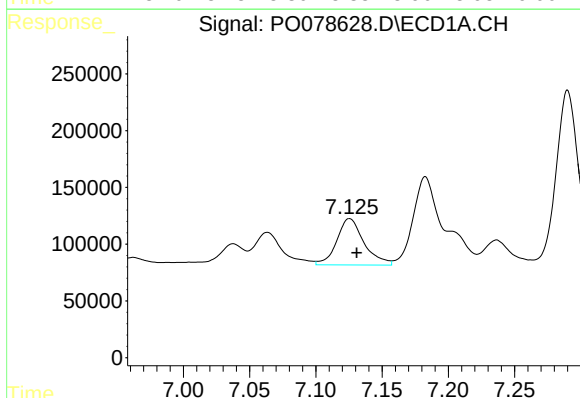
R.T.: 6.750 min
Delta R.T.: -0.005 min
Response: 798052
Conc: 200.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



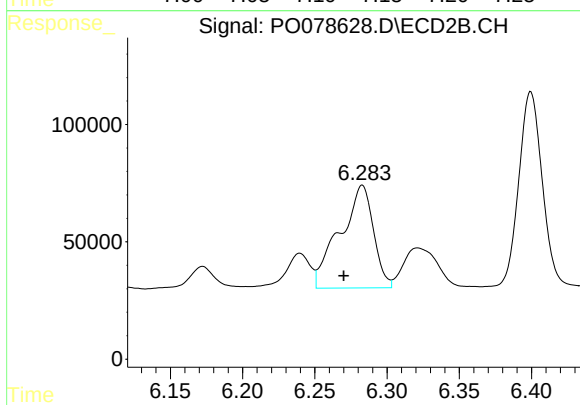
#27 AR-1254-2

R.T.: 5.852 min
Delta R.T.: -0.005 min
Response: 350171
Conc: 218.38 ng/ml



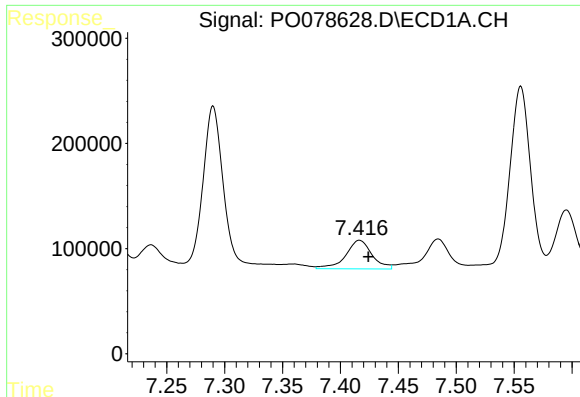
#28 AR-1254-3

R.T.: 7.126 min
Delta R.T.: -0.005 min
Response: 585639
Conc: 140.99 ng/ml



#28 AR-1254-3

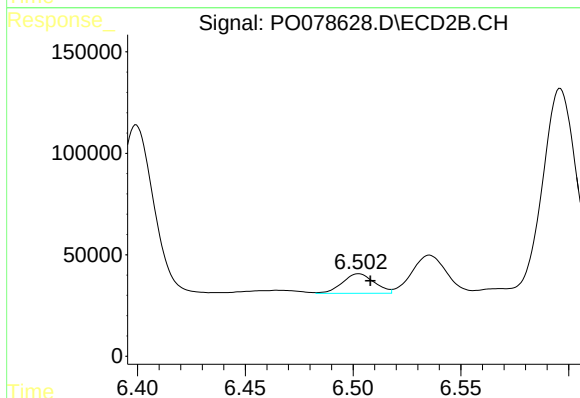
R.T.: 6.283 min
Delta R.T.: 0.013 min
Response: 708218
Conc: 296.00 ng/ml



#29 AR-1254-4

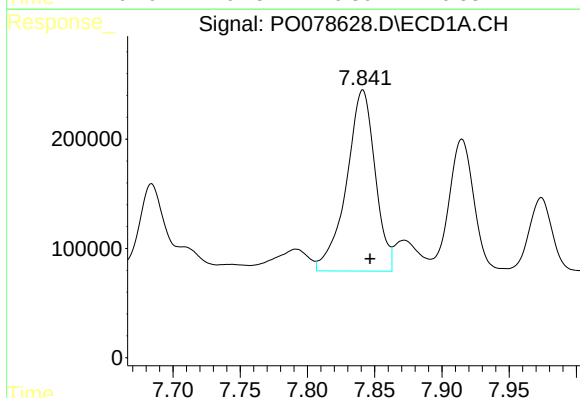
R.T.: 7.416 min
Delta R.T.: -0.008 min
Response: 429212
Conc: 145.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



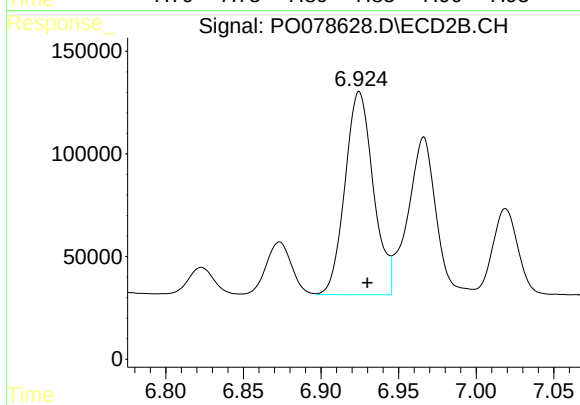
#29 AR-1254-4

R.T.: 6.503 min
Delta R.T.: -0.005 min
Response: 99214
Conc: 67.80 ng/ml



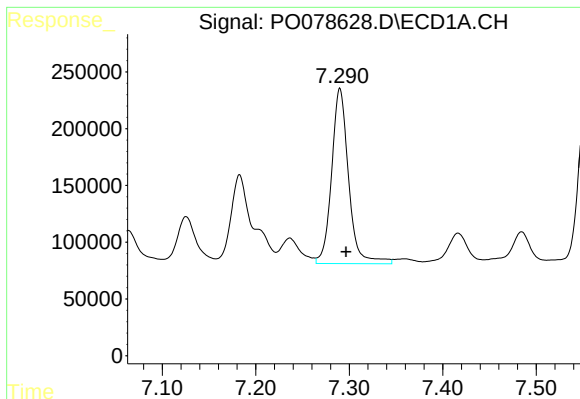
#30 AR-1254-5

R.T.: 7.841 min
Delta R.T.: -0.005 min
Response: 2459544
Conc: 767.06 ng/ml



#30 AR-1254-5

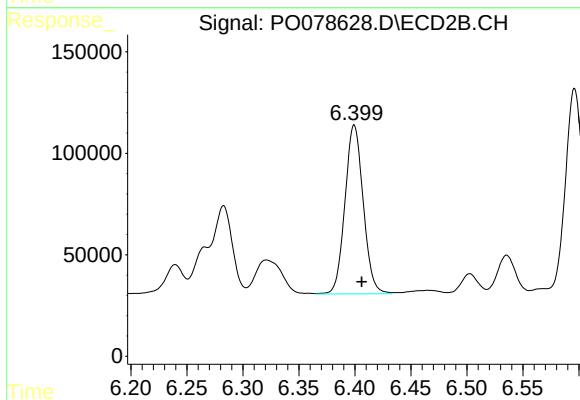
R.T.: 6.925 min
Delta R.T.: -0.005 min
Response: 1256141
Conc: 550.97 ng/ml



#31 AR-1260-1

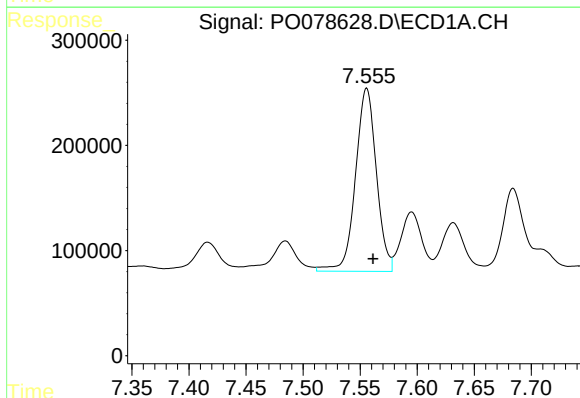
R.T.: 7.290 min
Delta R.T.: -0.007 min
Response: 1947353
Conc: 664.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



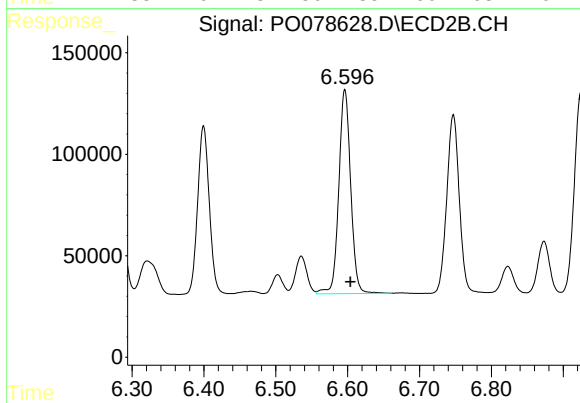
#31 AR-1260-1

R.T.: 6.399 min
Delta R.T.: -0.007 min
Response: 944552
Conc: 595.31 ng/ml



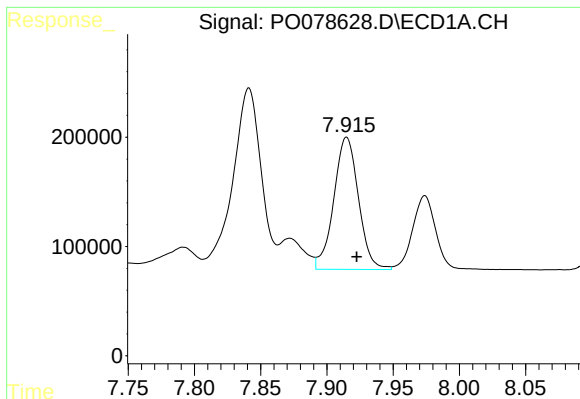
#32 AR-1260-2

R.T.: 7.556 min
Delta R.T.: -0.006 min
Response: 2219393
Conc: 674.67 ng/ml



#32 AR-1260-2

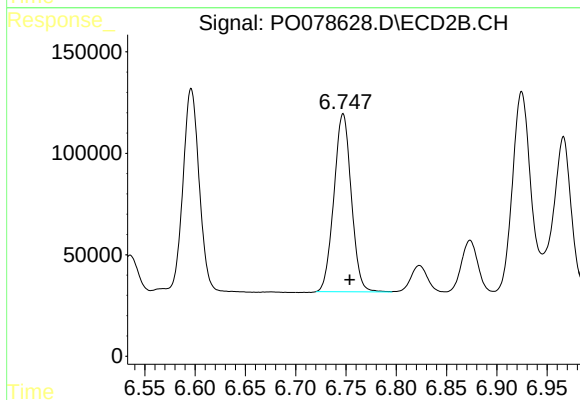
R.T.: 6.596 min
Delta R.T.: -0.008 min
Response: 1157141
Conc: 621.28 ng/ml



#33 AR-1260-3

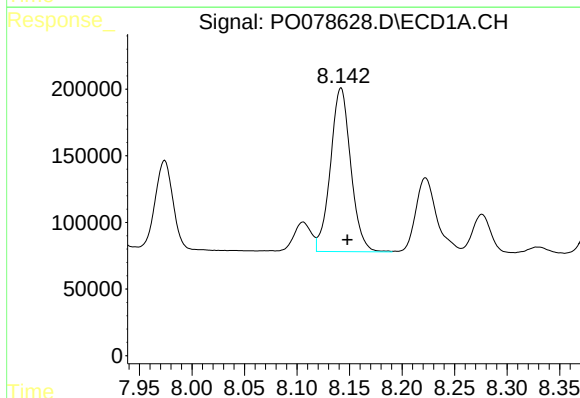
R.T.: 7.915 min
Delta R.T.: -0.008 min
Response: 1568792
Conc: 662.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



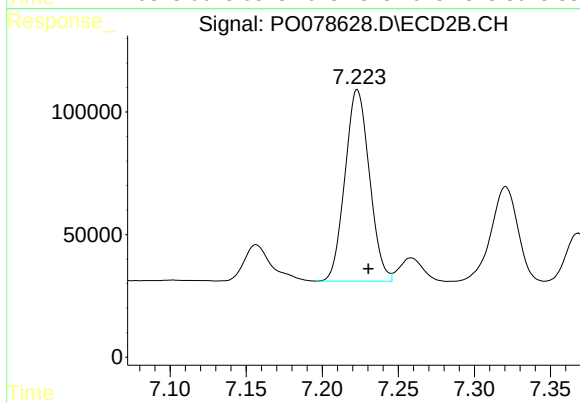
#33 AR-1260-3

R.T.: 6.747 min
Delta R.T.: -0.007 min
Response: 1054796
Conc: 594.46 ng/ml



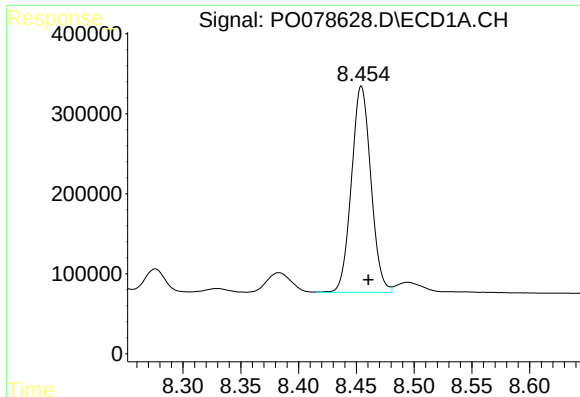
#34 AR-1260-4

R.T.: 8.142 min
Delta R.T.: -0.006 min
Response: 1656107
Conc: 643.91 ng/ml



#34 AR-1260-4

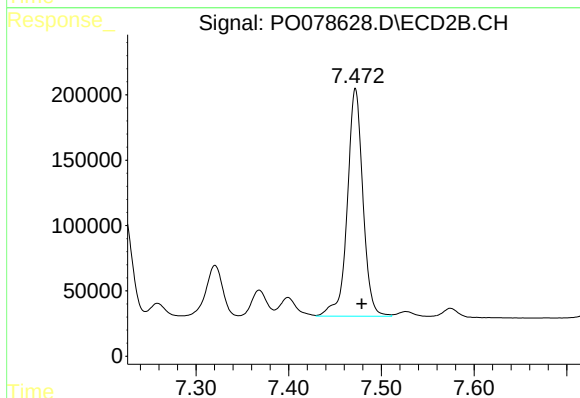
R.T.: 7.223 min
Delta R.T.: -0.007 min
Response: 873562
Conc: 596.14 ng/ml



#35 AR-1260-5

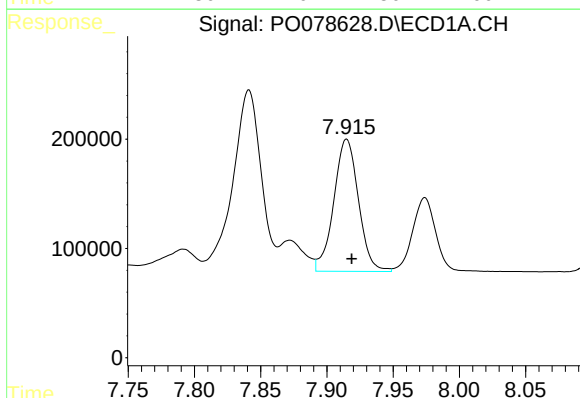
R.T.: 8.454 min
Delta R.T.: -0.006 min
Response: 3011769
Conc: 592.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



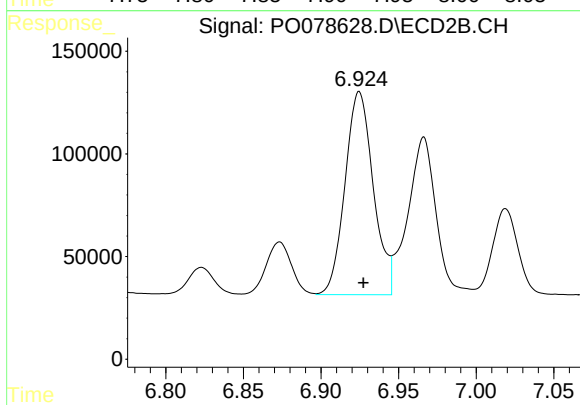
#35 AR-1260-5

R.T.: 7.472 min
Delta R.T.: -0.007 min
Response: 2038508
Conc: 584.22 ng/ml



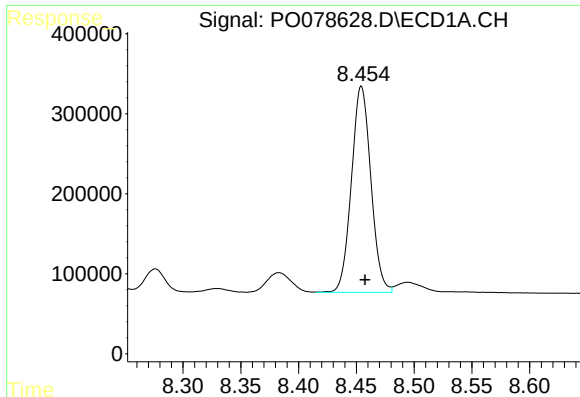
#36 AR-1262-1

R.T.: 7.915 min
Delta R.T.: -0.004 min
Response: 1568792
Conc: 401.04 ng/ml



#36 AR-1262-1

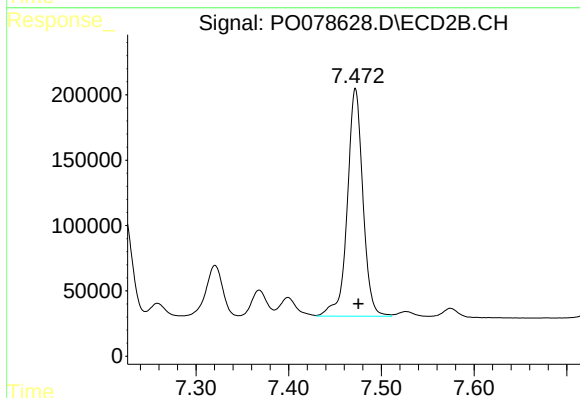
R.T.: 6.925 min
Delta R.T.: -0.003 min
Response: 1256141
Conc: 1051.50 ng/ml



#37 AR-1262-2

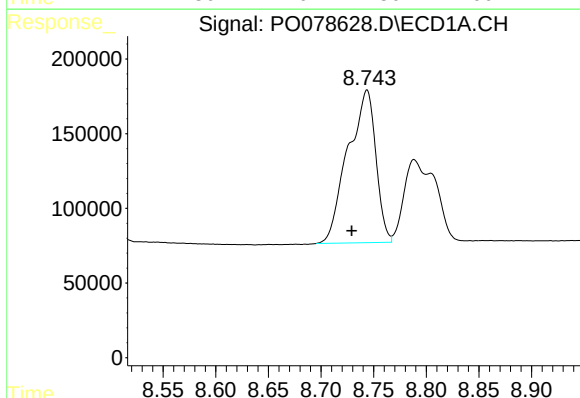
R.T.: 8.454 min
Delta R.T.: -0.003 min
Response: 3011769
Conc: 470.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



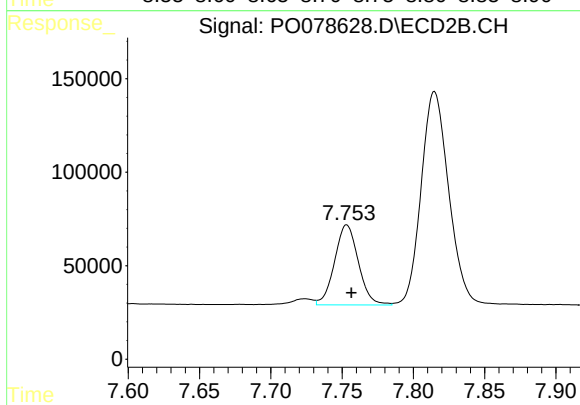
#37 AR-1262-2

R.T.: 7.472 min
Delta R.T.: -0.003 min
Response: 2038508
Conc: 519.79 ng/ml



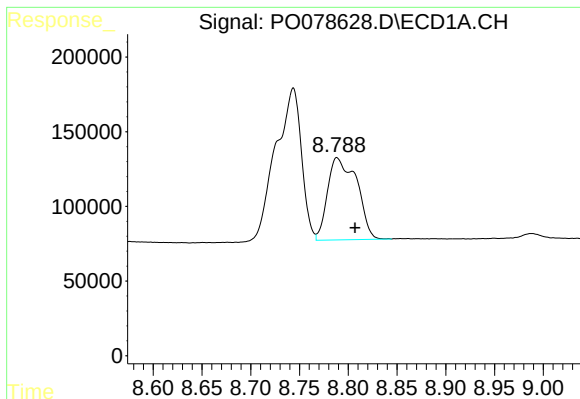
#38 AR-1262-3

R.T.: 8.744 min
Delta R.T.: 0.014 min
Response: 1888821
Conc: 452.25 ng/ml



#38 AR-1262-3

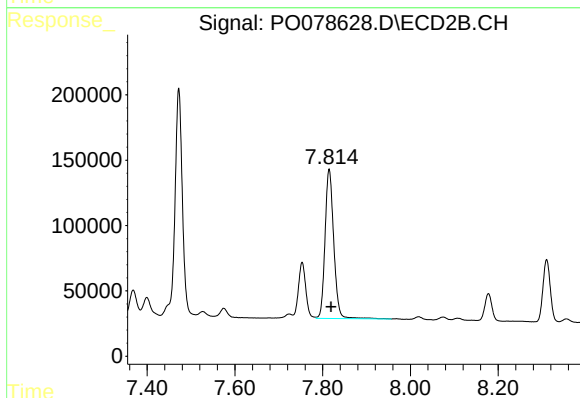
R.T.: 7.753 min
Delta R.T.: -0.003 min
Response: 498005
Conc: 302.53 ng/ml



#39 AR-1262-4

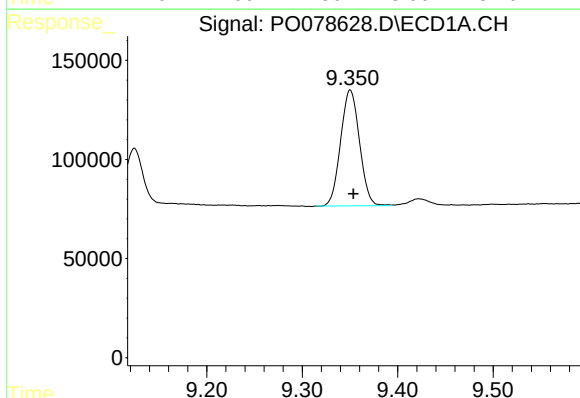
R.T.: 8.788 min
Delta R.T.: -0.019 min
Response: 1149072
Conc: 370.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



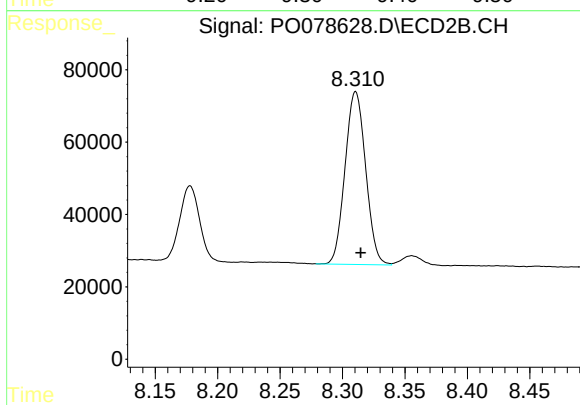
#39 AR-1262-4

R.T.: 7.815 min
Delta R.T.: -0.005 min
Response: 1572280
Conc: 522.69 ng/ml



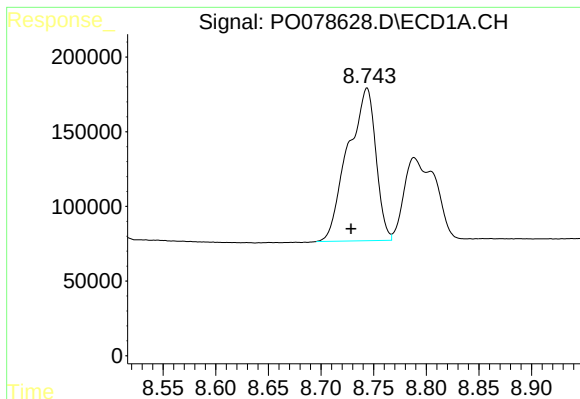
#40 AR-1262-5

R.T.: 9.350 min
Delta R.T.: -0.003 min
Response: 802914
Conc: 423.74 ng/ml



#40 AR-1262-5

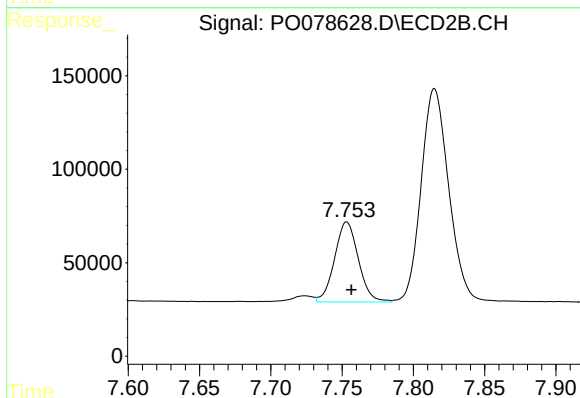
R.T.: 8.311 min
Delta R.T.: -0.004 min
Response: 549852
Conc: 405.16 ng/ml



#41 AR-1268-1

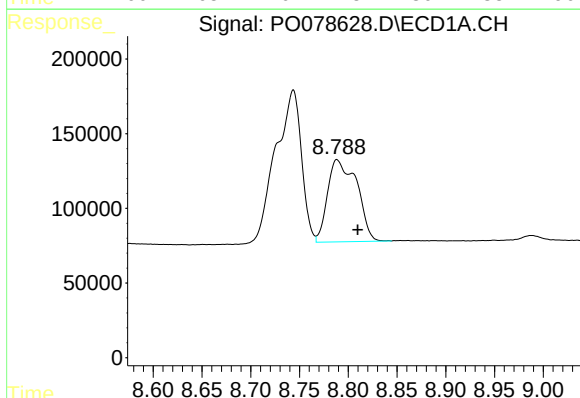
R.T.: 8.744 min
Delta R.T.: 0.015 min
Response: 1888821
Conc: 263.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



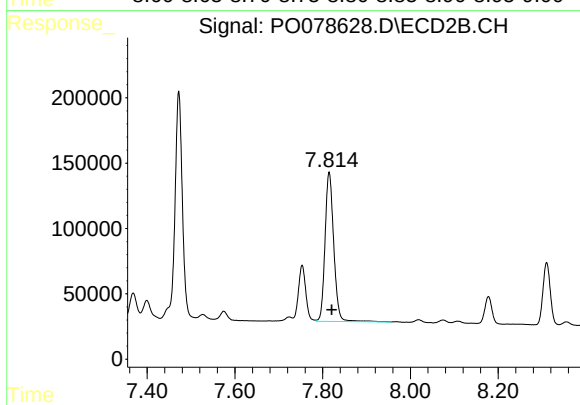
#41 AR-1268-1

R.T.: 7.753 min
Delta R.T.: -0.003 min
Response: 498005
Conc: 109.64 ng/ml



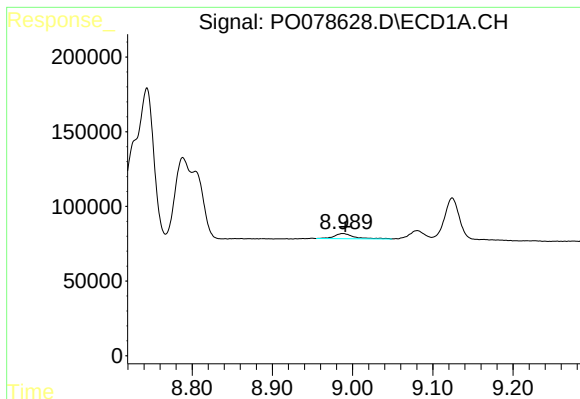
#42 AR-1268-2

R.T.: 8.788 min
Delta R.T.: -0.021 min
Response: 1149072
Conc: 180.37 ng/ml



#42 AR-1268-2

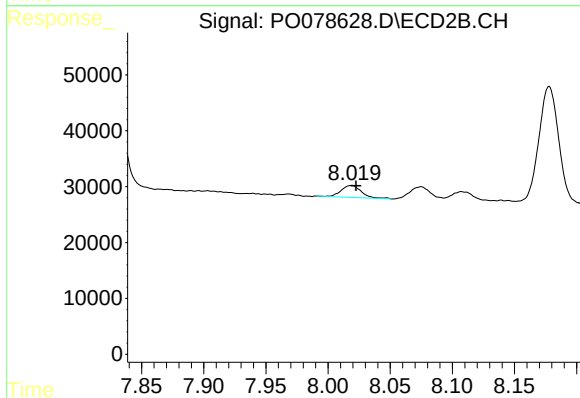
R.T.: 7.815 min
Delta R.T.: -0.006 min
Response: 1572280
Conc: 383.96 ng/ml



#43 AR-1268-3

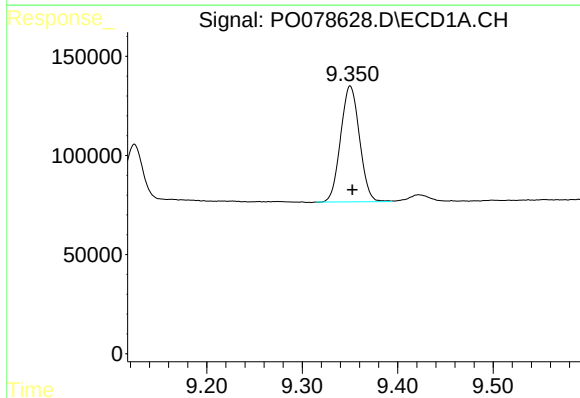
R.T.: 8.988 min
Delta R.T.: -0.003 min
Response: 57093
Conc: 10.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



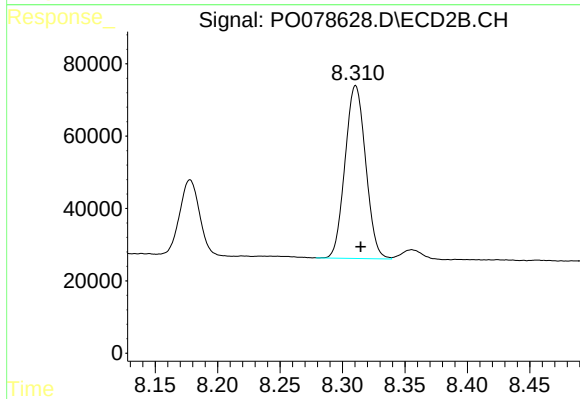
#43 AR-1268-3

R.T.: 8.019 min
Delta R.T.: -0.003 min
Response: 24305
Conc: 6.97 ng/ml



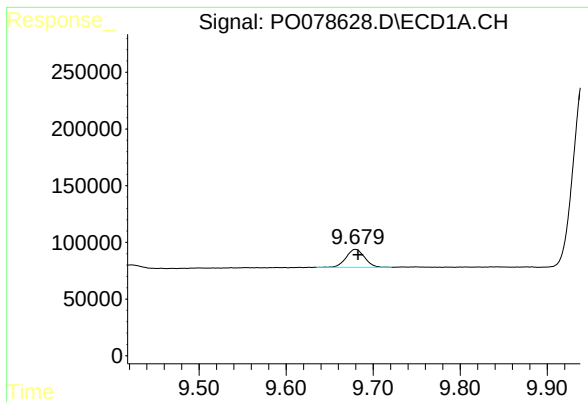
#44 AR-1268-4

R.T.: 9.350 min
Delta R.T.: -0.002 min
Response: 802914
Conc: 405.58 ng/ml



#44 AR-1268-4

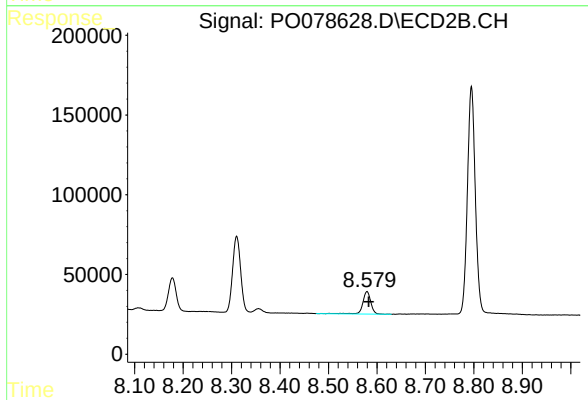
R.T.: 8.311 min
Delta R.T.: -0.004 min
Response: 549852
Conc: 374.60 ng/ml



#45 AR-1268-5

R.T.: 9.680 min
Delta R.T.: -0.003 min
Response: 232961
Conc: 15.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.580 min
Delta R.T.: -0.003 min
Response: 164742
Conc: 15.90 ng/ml