

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061021\
 Data File : P0078642.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 11 Jun 2021 00:40
 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 03:23:36 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...	4.334	3.611	4741493	1886904	62.077	59.726
2)	SA Decachlor...	9.941	8.795	2600242	1561207	64.128	64.927
Target Compounds							
3)	L1 AR-1016-1	5.629	4.838	1386167	640175	591.989	611.965
4)	L1 AR-1016-2	5.651	4.857	2091869	947383	580.227	600.104
5)	L1 AR-1016-3	5.715	5.044	1270914	492716	581.134	615.300
6)	L1 AR-1016-4	5.820	5.097	1054766	425973	601.183	603.189
7)	L1 AR-1016-5	6.131	5.320	1051449	500630	606.083	573.978
8)	L2 AR-1221-1	4.580	3.862	130868	62368	156.462	163.787
9)	L2 AR-1221-2	4.679	3.959	180571	93168	298.129	331.287
10)	L2 AR-1221-3	4.764	4.045	811259	354468	409.341	393.518
11)	L3 AR-1232-1	4.764	4.045	811259	354468	529.899	487.563
12)	L3 AR-1232-2	5.338	4.857	1123268	947383	1444.946	1375.024
13)	L3 AR-1232-3	5.651	5.044	2091869	492716	1434.586	1438.777
14)	L3 AR-1232-4	5.820	5.140	1054766	502266	1503.321	1633.340
15)	L3 AR-1232-5	5.919	5.320	861124	500630	1709.464	1436.139
16)	L4 AR-1242-1	5.629	4.838	1386167	640175	767.410	761.138
17)	L4 AR-1242-2	5.651	4.857	2091869	947383	779.798	770.077
18)	L4 AR-1242-3	5.715	5.044	1270914	492716	772.039	776.957
19)	L4 AR-1242-4	5.820	5.140	1054766	502266	783.139	767.642
20)	L4 AR-1242-5	6.591	5.693	145608	404382	108.796	491.812 #
21)	L5 AR-1248-1	5.629	4.838	1386167	640175	1019.539	990.560
22)	L5 AR-1248-2	5.919	5.097	861124	425973	443.488	436.864
23)	L5 AR-1248-3	6.131	5.140	1051449	502266	465.243	517.689
24)	L5 AR-1248-4	6.553	5.320	185042	500630	78.105	432.194 #
25)	L5 AR-1248-5	6.591	5.735	145608	65323	62.569	59.580
26)	L6 AR-1254-1	6.522	5.693	667501	404382	263.766	234.297
27)	L6 AR-1254-2	6.749	5.852	732035	360950	184.339	225.102
28)	L6 AR-1254-3	7.125	6.282	441188	725045	106.218	303.036 #
29)	L6 AR-1254-4	7.417	6.502	281488	108804	95.735	74.349
30)	L6 AR-1254-5	7.841	6.924	2227247	1232615	694.615	540.652
31)	L7 AR-1260-1	7.290	6.399	1539676	957157	525.123	603.255
32)	L7 AR-1260-2	7.555	6.596	1771239	1143109	538.434	613.744
33)	L7 AR-1260-3	7.916	6.746	1432604	1048416	604.982	590.867
34)	L7 AR-1260-4	8.142	7.223	1478563	850355	574.875	580.302
35)	L7 AR-1260-5	8.454	7.472	2828613	1978059	556.237	566.899
36)	L8 AR-1262-1	7.916	6.924	1432604	1232615	366.230	1031.806 #
37)	L8 AR-1262-2	8.454	7.472	2828613	1978059	442.128	504.373
38)	L8 AR-1262-3	8.743	7.752	1748172	480582	418.573	291.950 #
39)	L8 AR-1262-4	8.803	7.815	427876	1506998	138.072	500.989 #
40)	L8 AR-1262-5	9.350	8.311	774004	527808	408.486	388.913
41)	L9 AR-1268-1	8.743	7.752	1748172	480582	243.724	105.809 #

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

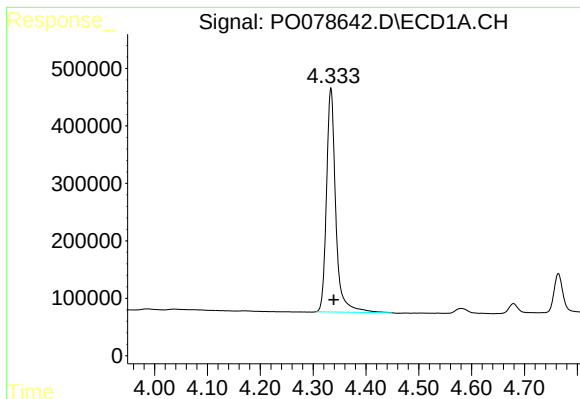
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 03:23:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0060721.M
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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	8.803	7.815	427876	1506998	67.163	368.015 #
43) L9	AR-1268-3	8.988	8.019	31446	25672	6.055	7.359
44) L9	AR-1268-4	9.350	8.311	774004	527808	390.979	359.582
45) L9	AR-1268-5	9.679	8.579	219433	154830	14.262	14.948

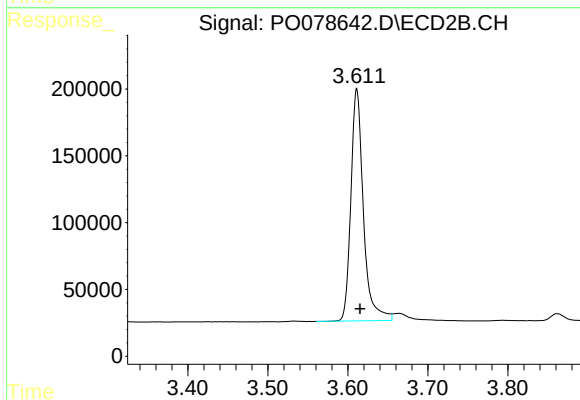
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

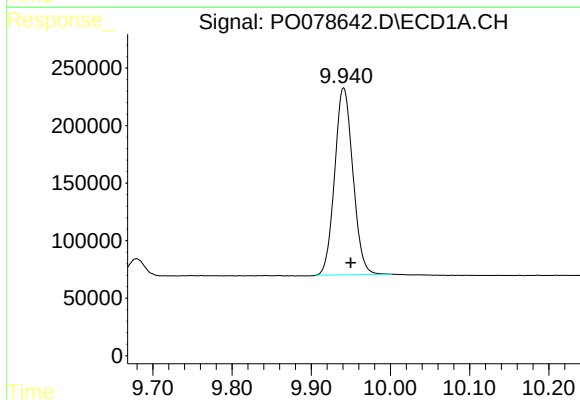
R.T.: 4.334 min
Delta R.T.: -0.005 min
Response: 4741493
Conc: 62.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



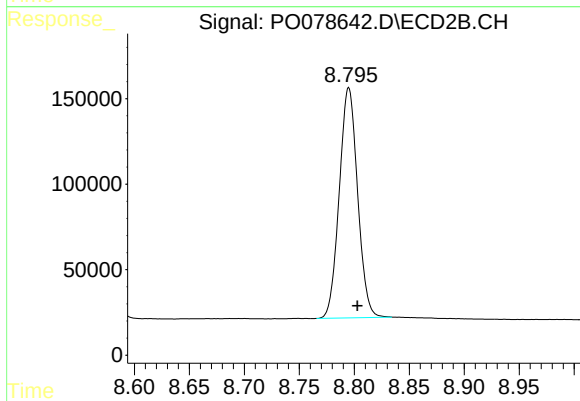
#1 Tetrachloro-m-xylene

R.T.: 3.611 min
Delta R.T.: -0.004 min
Response: 1886904
Conc: 59.73 ng/ml



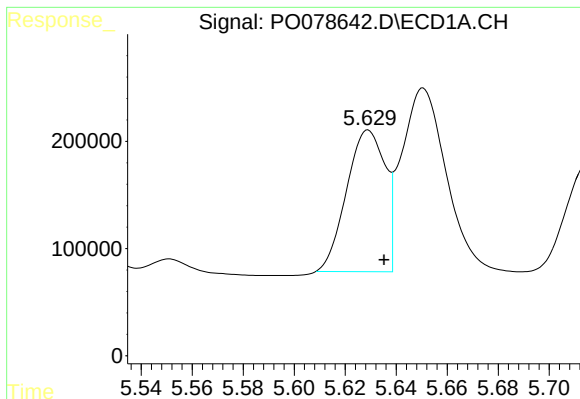
#2 Decachlorobiphenyl

R.T.: 9.941 min
Delta R.T.: -0.009 min
Response: 2600242
Conc: 64.13 ng/ml



#2 Decachlorobiphenyl

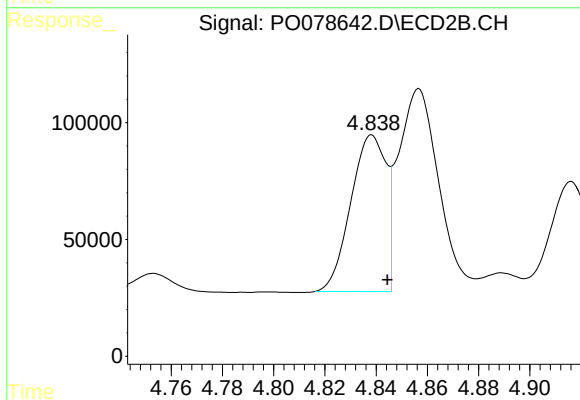
R.T.: 8.795 min
Delta R.T.: -0.008 min
Response: 1561207
Conc: 64.93 ng/ml



#3 AR-1016-1

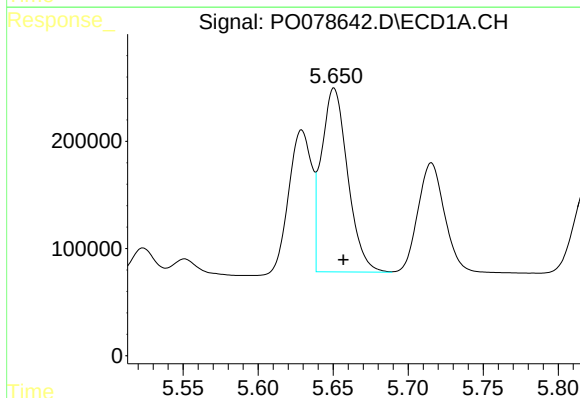
R.T.: 5.629 min
Delta R.T.: -0.006 min
Response: 1386167
Conc: 591.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



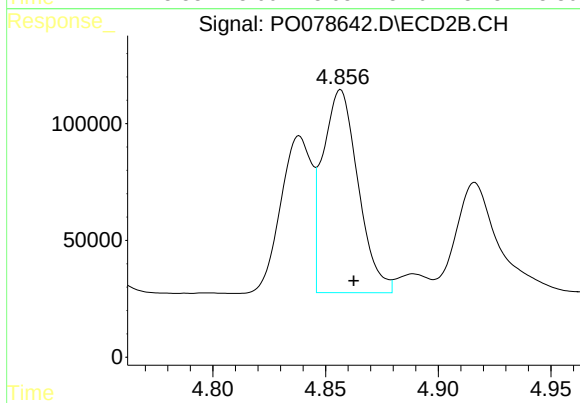
#3 AR-1016-1

R.T.: 4.838 min
Delta R.T.: -0.006 min
Response: 640175
Conc: 611.96 ng/ml



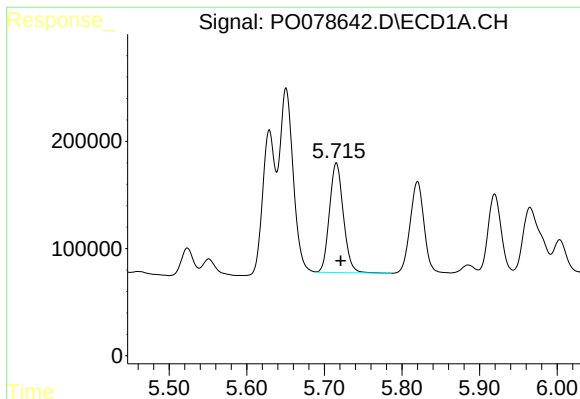
#4 AR-1016-2

R.T.: 5.651 min
Delta R.T.: -0.006 min
Response: 2091869
Conc: 580.23 ng/ml



#4 AR-1016-2

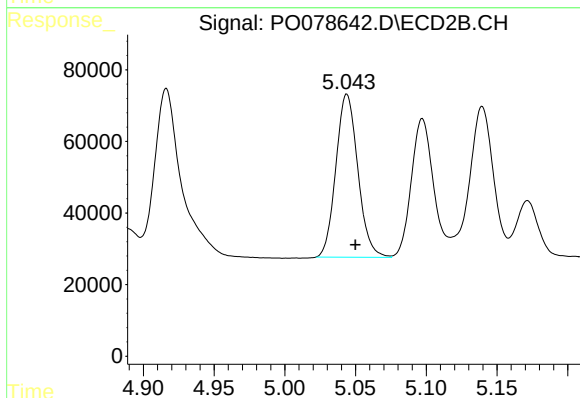
R.T.: 4.857 min
Delta R.T.: -0.006 min
Response: 947383
Conc: 600.10 ng/ml



#5 AR-1016-3

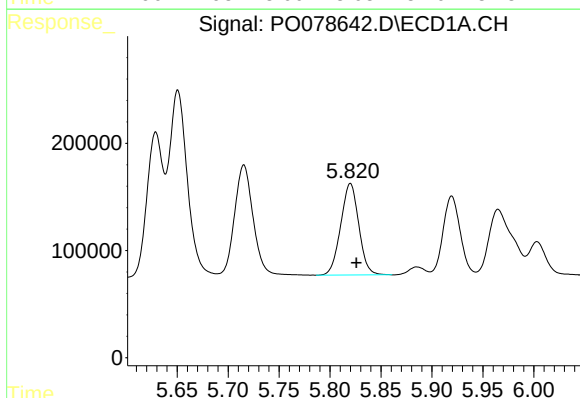
R.T.: 5.715 min
Delta R.T.: -0.005 min
Response: 1270914
Conc: 581.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



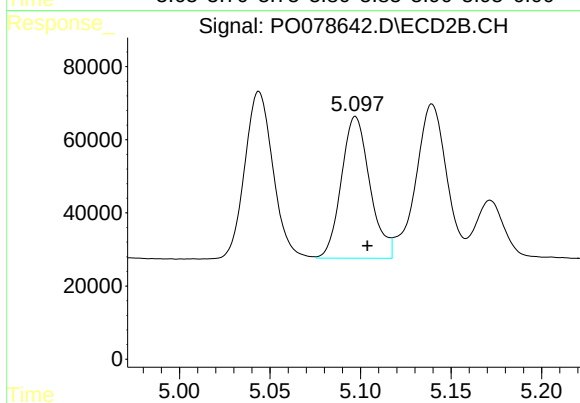
#5 AR-1016-3

R.T.: 5.044 min
Delta R.T.: -0.006 min
Response: 492716
Conc: 615.30 ng/ml



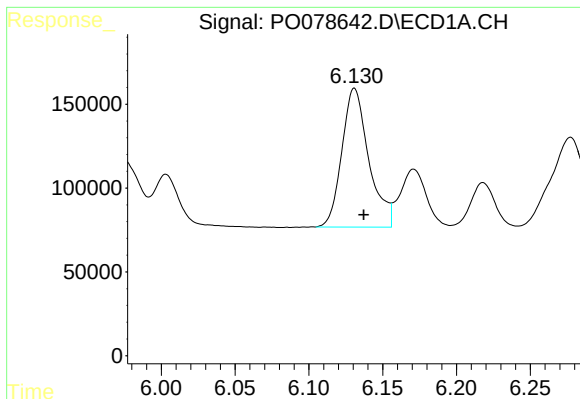
#6 AR-1016-4

R.T.: 5.820 min
Delta R.T.: -0.006 min
Response: 1054766
Conc: 601.18 ng/ml



#6 AR-1016-4

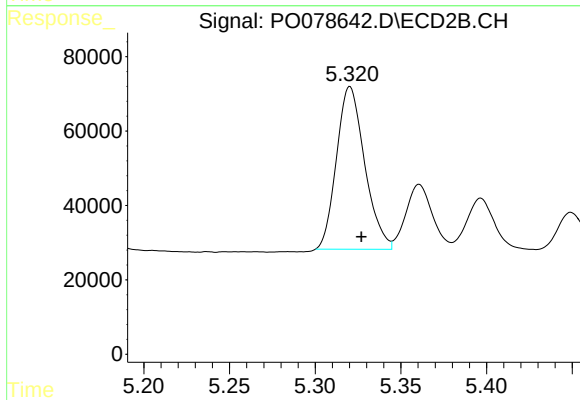
R.T.: 5.097 min
Delta R.T.: -0.007 min
Response: 425973
Conc: 603.19 ng/ml



#7 AR-1016-5

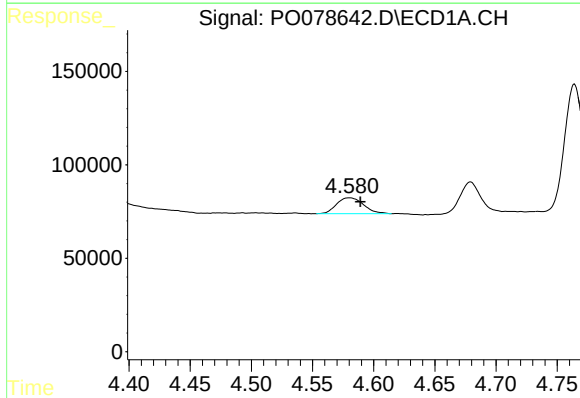
R.T.: 6.131 min
Delta R.T.: -0.006 min
Response: 1051449
Conc: 606.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



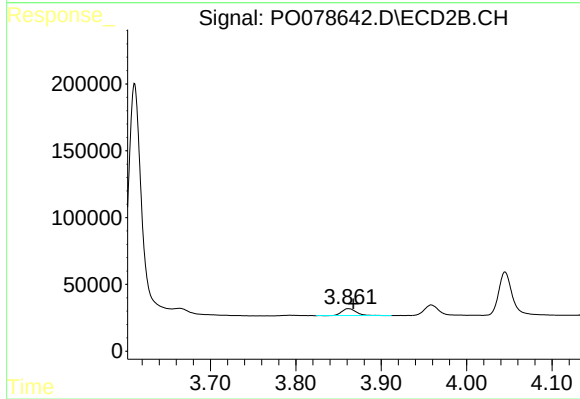
#7 AR-1016-5

R.T.: 5.320 min
Delta R.T.: -0.007 min
Response: 500630
Conc: 573.98 ng/ml



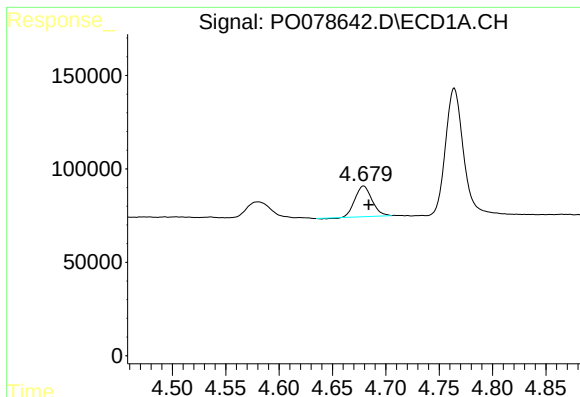
#8 AR-1221-1

R.T.: 4.580 min
Delta R.T.: -0.009 min
Response: 130868
Conc: 156.46 ng/ml



#8 AR-1221-1

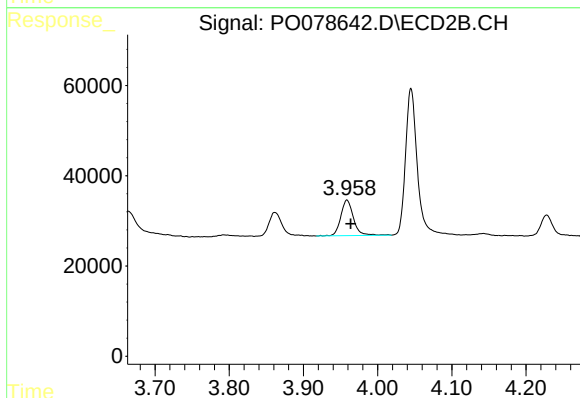
R.T.: 3.862 min
Delta R.T.: -0.006 min
Response: 62368
Conc: 163.79 ng/ml



#9 AR-1221-2

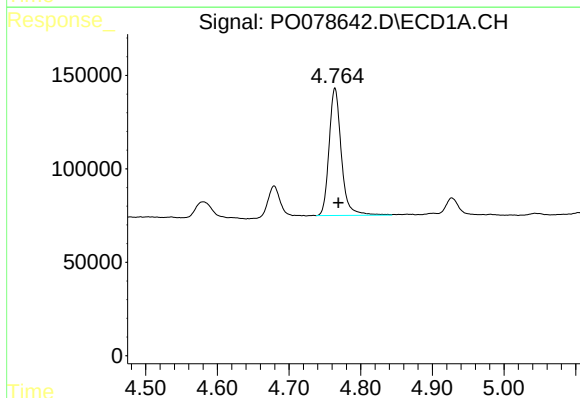
R.T.: 4.679 min
Delta R.T.: -0.005 min
Response: 180571
Conc: 298.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



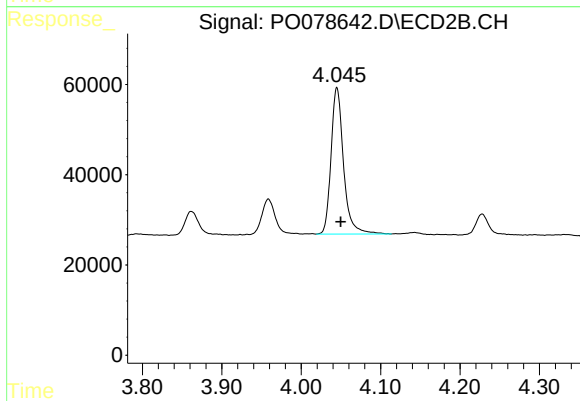
#9 AR-1221-2

R.T.: 3.959 min
Delta R.T.: -0.005 min
Response: 93168
Conc: 331.29 ng/ml



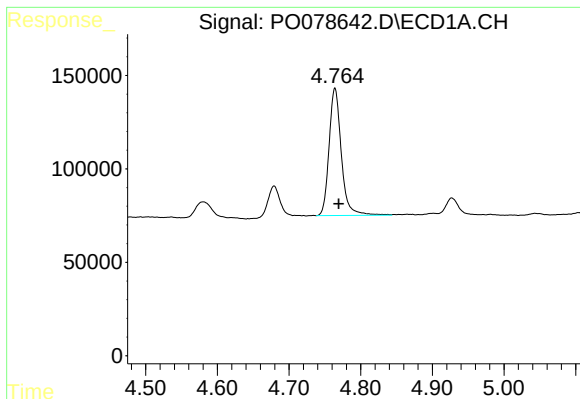
#10 AR-1221-3

R.T.: 4.764 min
Delta R.T.: -0.005 min
Response: 811259
Conc: 409.34 ng/ml



#10 AR-1221-3

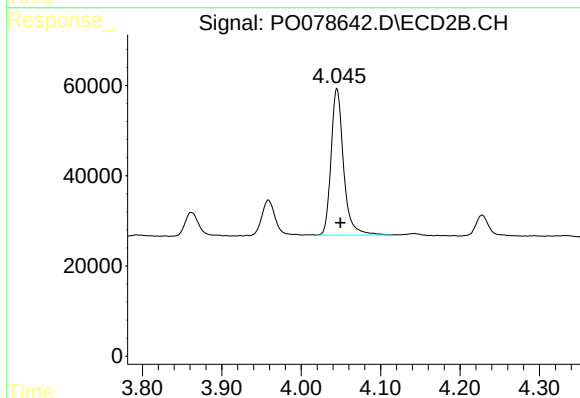
R.T.: 4.045 min
Delta R.T.: -0.005 min
Response: 354468
Conc: 393.52 ng/ml



#11 AR-1232-1

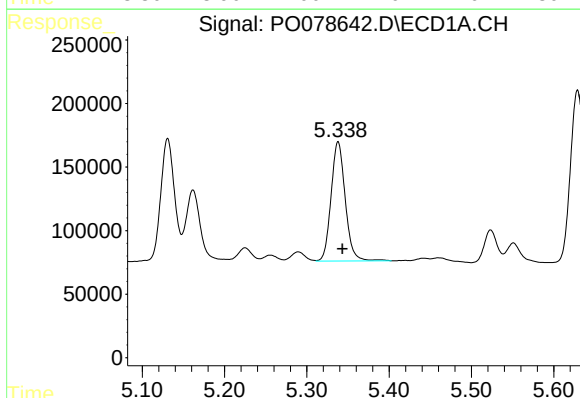
R.T.: 4.764 min
Delta R.T.: -0.005 min
Response: 811259
Conc: 529.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



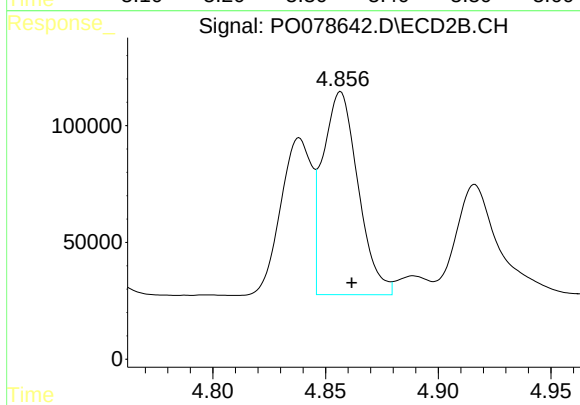
#11 AR-1232-1

R.T.: 4.045 min
Delta R.T.: -0.004 min
Response: 354468
Conc: 487.56 ng/ml



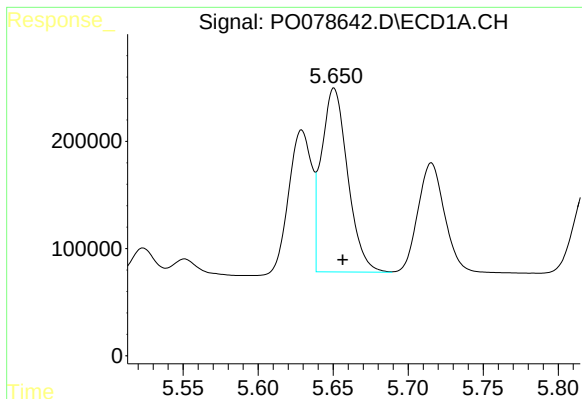
#12 AR-1232-2

R.T.: 5.338 min
Delta R.T.: -0.005 min
Response: 1123268
Conc: 1444.95 ng/ml



#12 AR-1232-2

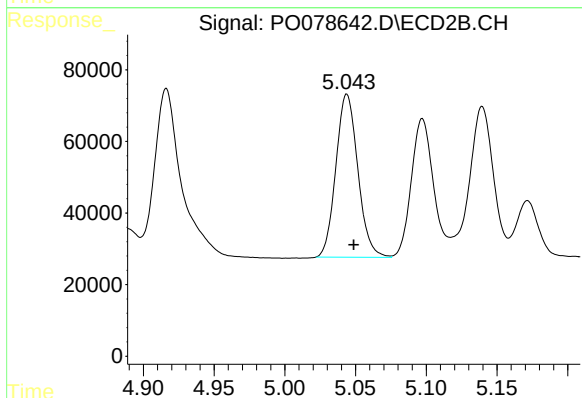
R.T.: 4.857 min
Delta R.T.: -0.005 min
Response: 947383
Conc: 1375.02 ng/ml



#13 AR-1232-3

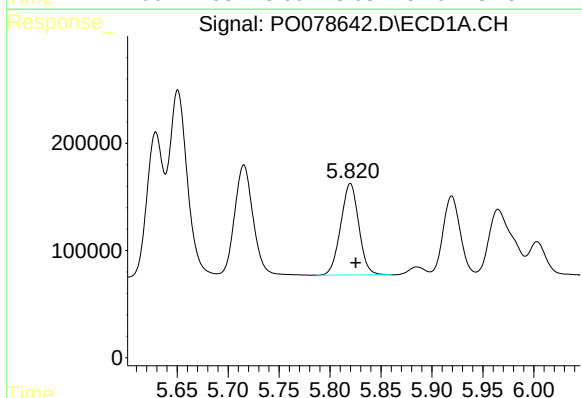
R.T.: 5.651 min
Delta R.T.: -0.006 min
Response: 2091869
Conc: 1434.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



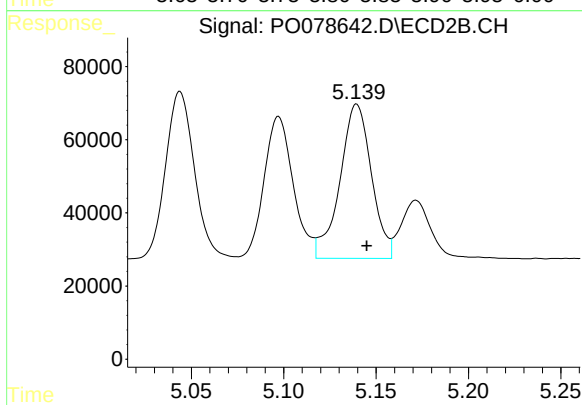
#13 AR-1232-3

R.T.: 5.044 min
Delta R.T.: -0.005 min
Response: 492716
Conc: 1438.78 ng/ml



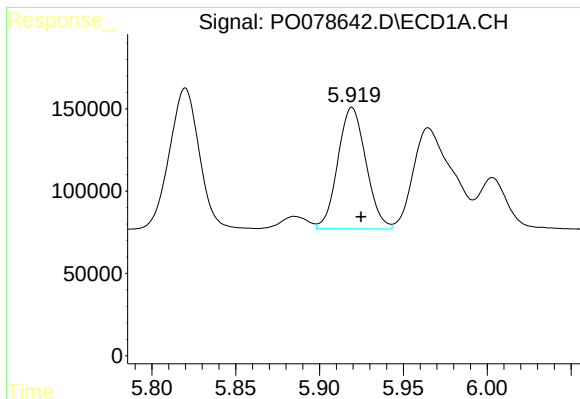
#14 AR-1232-4

R.T.: 5.820 min
Delta R.T.: -0.005 min
Response: 1054766
Conc: 1503.32 ng/ml



#14 AR-1232-4

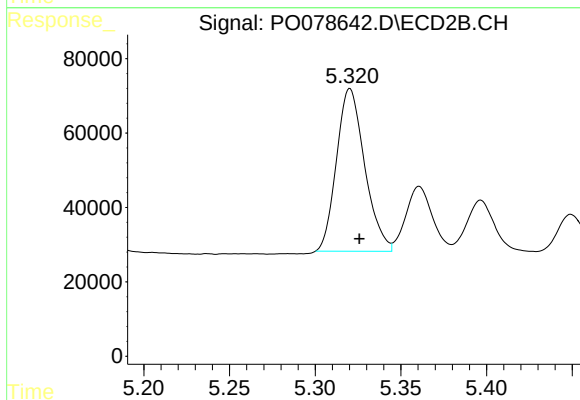
R.T.: 5.140 min
Delta R.T.: -0.005 min
Response: 502266
Conc: 1633.34 ng/ml



#15 AR-1232-5

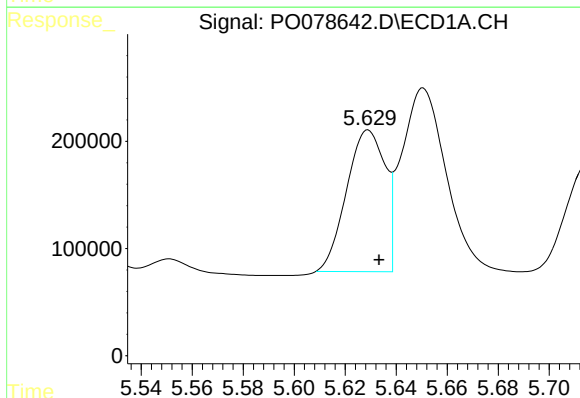
R.T.: 5.919 min
Delta R.T.: -0.005 min
Response: 861124
Conc: 1709.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



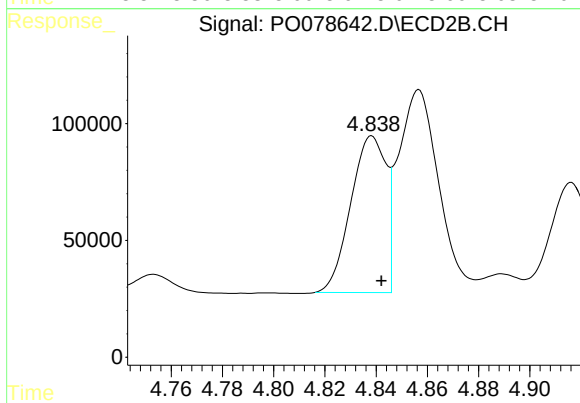
#15 AR-1232-5

R.T.: 5.320 min
Delta R.T.: -0.005 min
Response: 500630
Conc: 1436.14 ng/ml



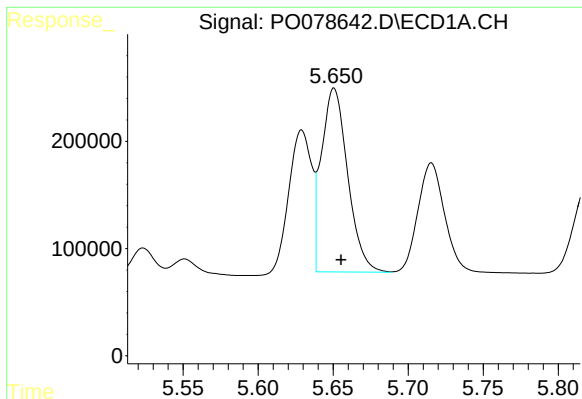
#16 AR-1242-1

R.T.: 5.629 min
Delta R.T.: -0.004 min
Response: 1386167
Conc: 767.41 ng/ml



#16 AR-1242-1

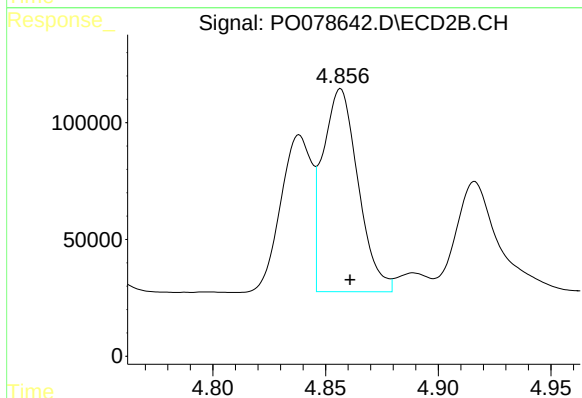
R.T.: 4.838 min
Delta R.T.: -0.004 min
Response: 640175
Conc: 761.14 ng/ml



#17 AR-1242-2

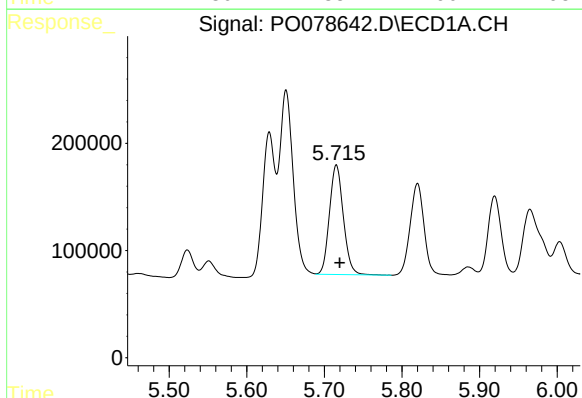
R.T.: 5.651 min
Delta R.T.: -0.005 min
Response: 2091869
Conc: 779.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



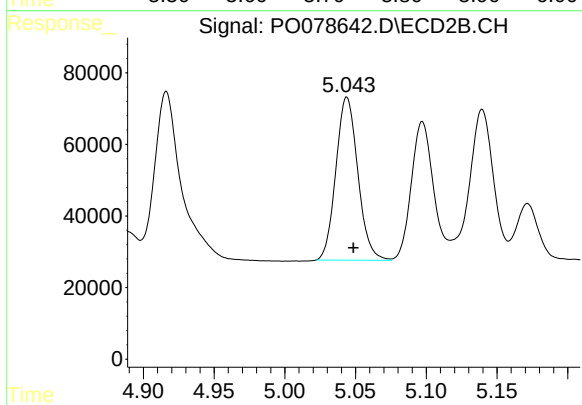
#17 AR-1242-2

R.T.: 4.857 min
Delta R.T.: -0.004 min
Response: 947383
Conc: 770.08 ng/ml



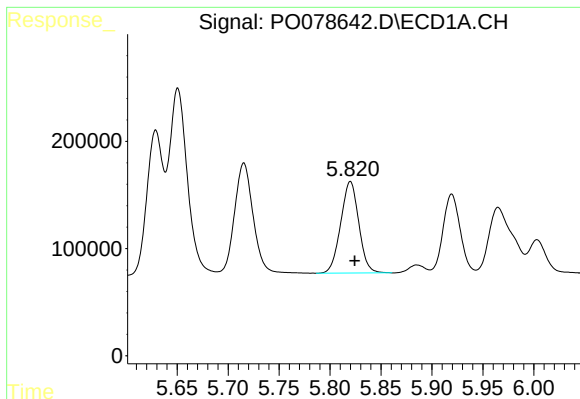
#18 AR-1242-3

R.T.: 5.715 min
Delta R.T.: -0.004 min
Response: 1270914
Conc: 772.04 ng/ml



#18 AR-1242-3

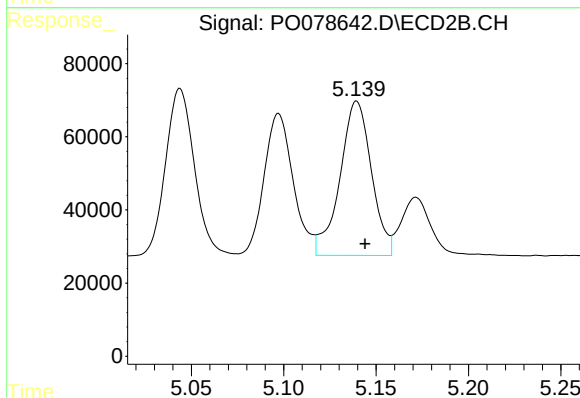
R.T.: 5.044 min
Delta R.T.: -0.005 min
Response: 492716
Conc: 776.96 ng/ml



#19 AR-1242-4

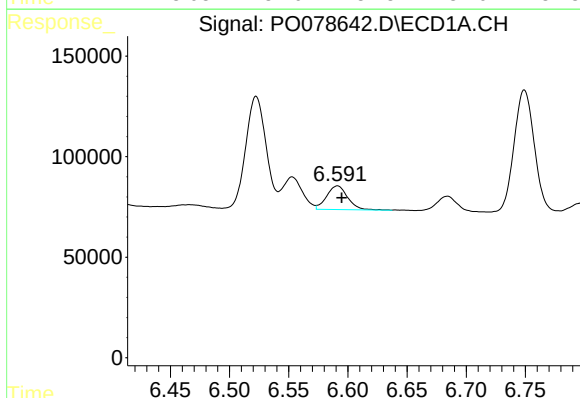
R.T.: 5.820 min
Delta R.T.: -0.004 min
Response: 1054766
Conc: 783.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



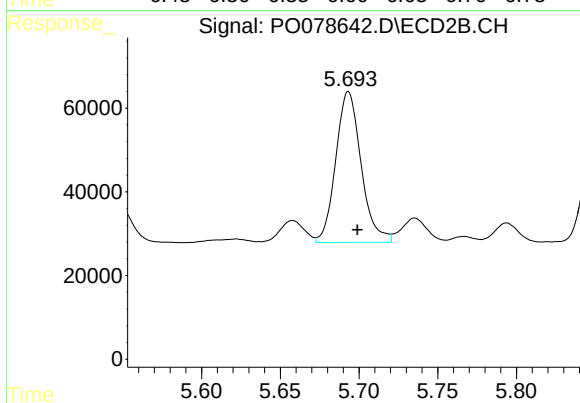
#19 AR-1242-4

R.T.: 5.140 min
Delta R.T.: -0.005 min
Response: 502266
Conc: 767.64 ng/ml



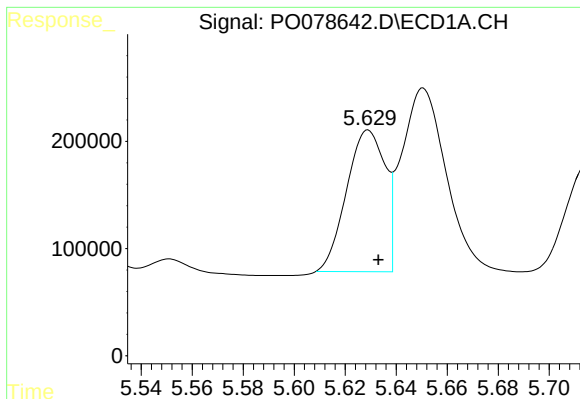
#20 AR-1242-5

R.T.: 6.591 min
Delta R.T.: -0.004 min
Response: 145608
Conc: 108.80 ng/ml



#20 AR-1242-5

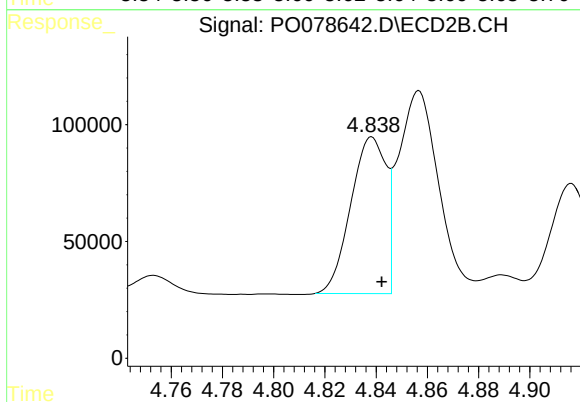
R.T.: 5.693 min
Delta R.T.: -0.006 min
Response: 404382
Conc: 491.81 ng/ml



#21 AR-1248-1

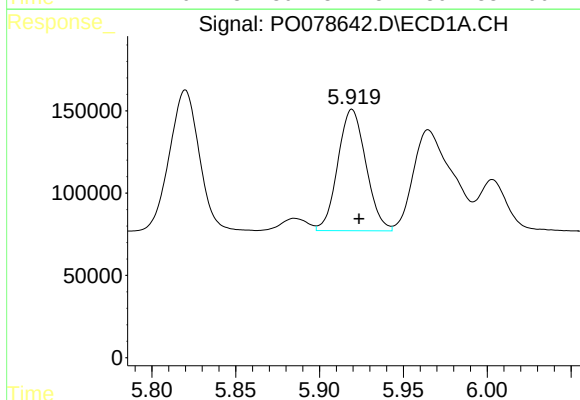
R.T.: 5.629 min
Delta R.T.: -0.004 min
Response: 1386167
Conc: 1019.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



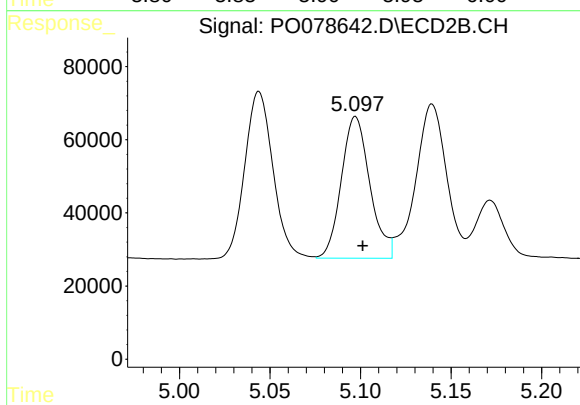
#21 AR-1248-1

R.T.: 4.838 min
Delta R.T.: -0.004 min
Response: 640175
Conc: 990.56 ng/ml



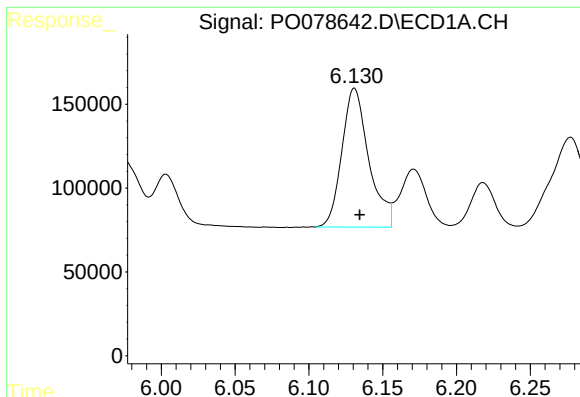
#22 AR-1248-2

R.T.: 5.919 min
Delta R.T.: -0.004 min
Response: 861124
Conc: 443.49 ng/ml



#22 AR-1248-2

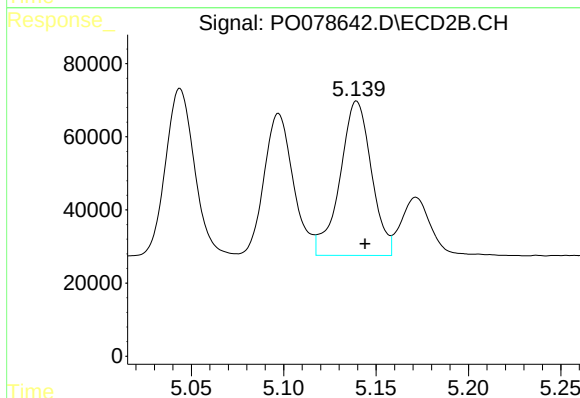
R.T.: 5.097 min
Delta R.T.: -0.004 min
Response: 425973
Conc: 436.86 ng/ml



#23 AR-1248-3

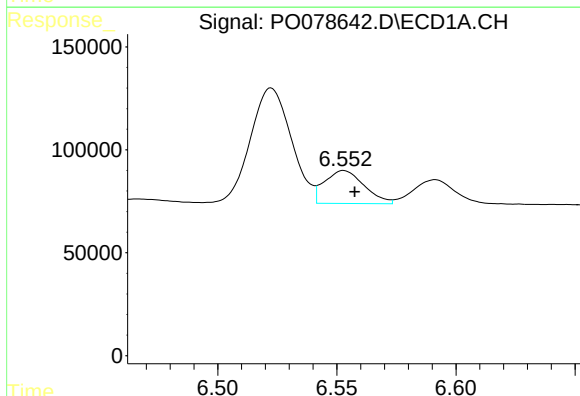
R.T.: 6.131 min
Delta R.T.: -0.003 min
Response: 1051449
Conc: 465.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



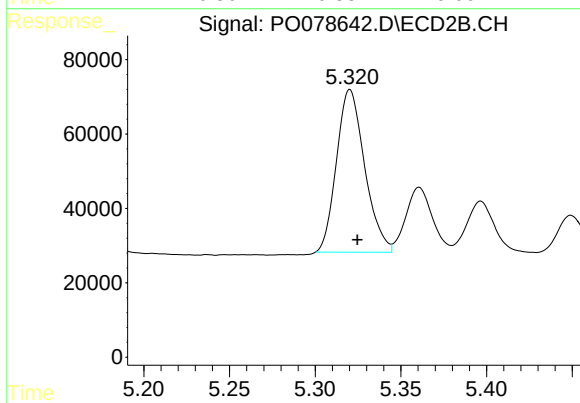
#23 AR-1248-3

R.T.: 5.140 min
Delta R.T.: -0.004 min
Response: 502266
Conc: 517.69 ng/ml



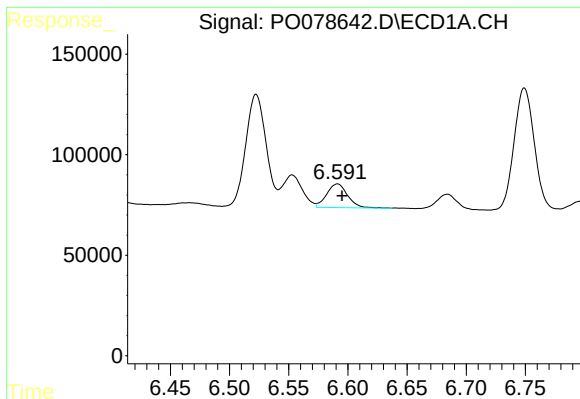
#24 AR-1248-4

R.T.: 6.553 min
Delta R.T.: -0.005 min
Response: 185042
Conc: 78.11 ng/ml



#24 AR-1248-4

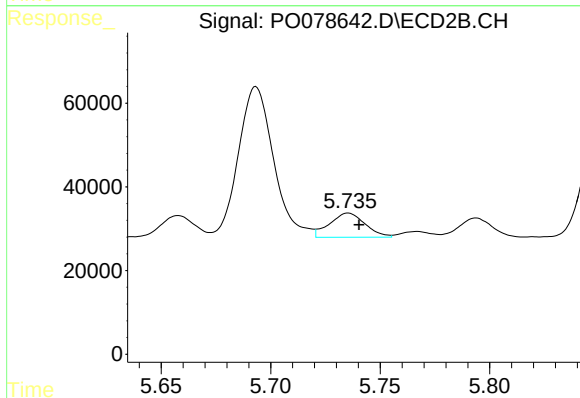
R.T.: 5.320 min
Delta R.T.: -0.004 min
Response: 500630
Conc: 432.19 ng/ml



#25 AR-1248-5

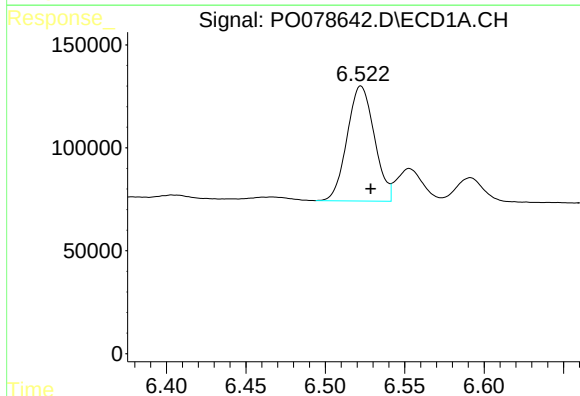
R.T.: 6.591 min
Delta R.T.: -0.004 min
Response: 145608
Conc: 62.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



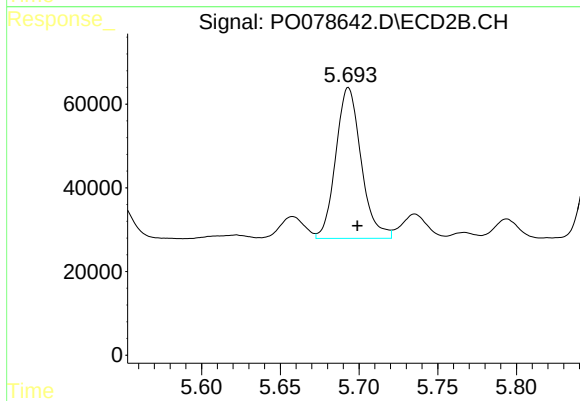
#25 AR-1248-5

R.T.: 5.735 min
Delta R.T.: -0.005 min
Response: 65323
Conc: 59.58 ng/ml



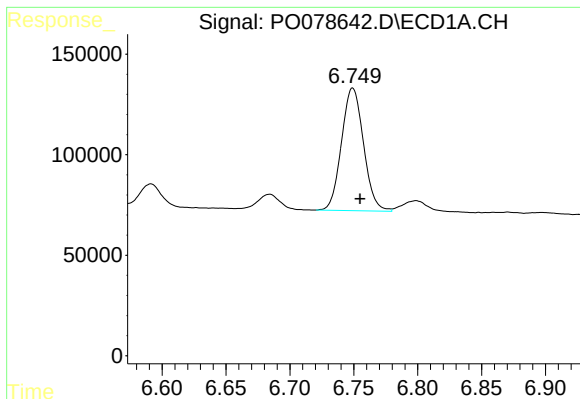
#26 AR-1254-1

R.T.: 6.522 min
Delta R.T.: -0.006 min
Response: 667501
Conc: 263.77 ng/ml



#26 AR-1254-1

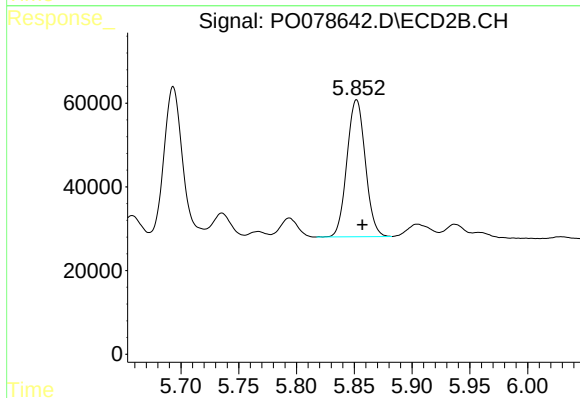
R.T.: 5.693 min
Delta R.T.: -0.006 min
Response: 404382
Conc: 234.30 ng/ml



#27 AR-1254-2

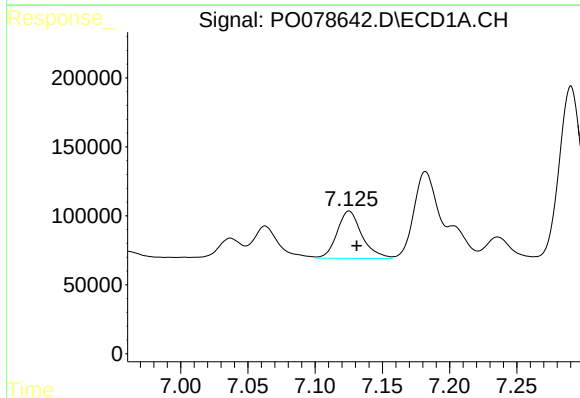
R.T.: 6.749 min
Delta R.T.: -0.006 min
Response: 732035
Conc: 184.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



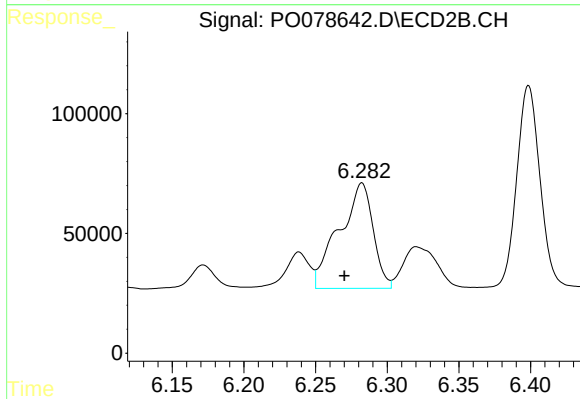
#27 AR-1254-2

R.T.: 5.852 min
Delta R.T.: -0.005 min
Response: 360950
Conc: 225.10 ng/ml



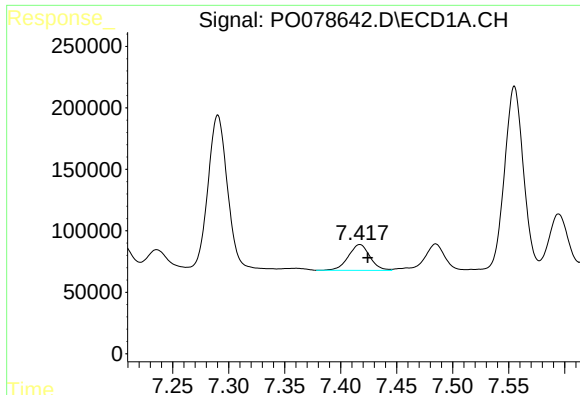
#28 AR-1254-3

R.T.: 7.125 min
Delta R.T.: -0.006 min
Response: 441188
Conc: 106.22 ng/ml



#28 AR-1254-3

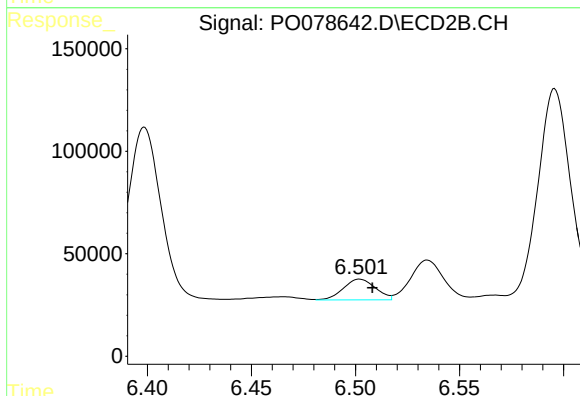
R.T.: 6.282 min
Delta R.T.: 0.012 min
Response: 725045
Conc: 303.04 ng/ml



#29 AR-1254-4

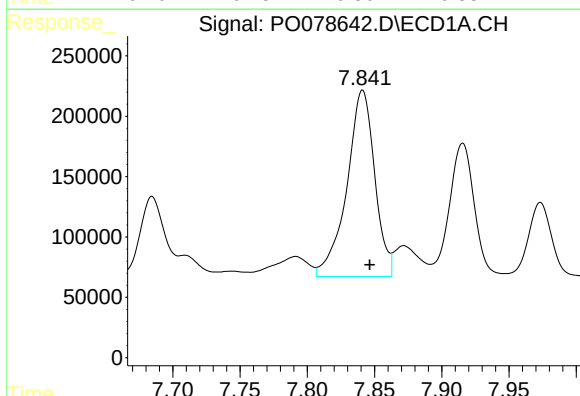
R.T.: 7.417 min
Delta R.T.: -0.007 min
Response: 281488
Conc: 95.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



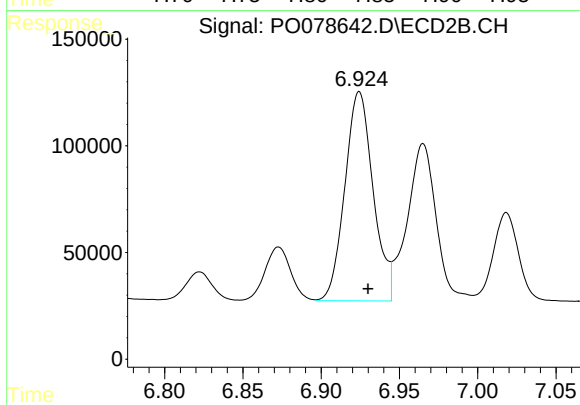
#29 AR-1254-4

R.T.: 6.502 min
Delta R.T.: -0.006 min
Response: 108804
Conc: 74.35 ng/ml



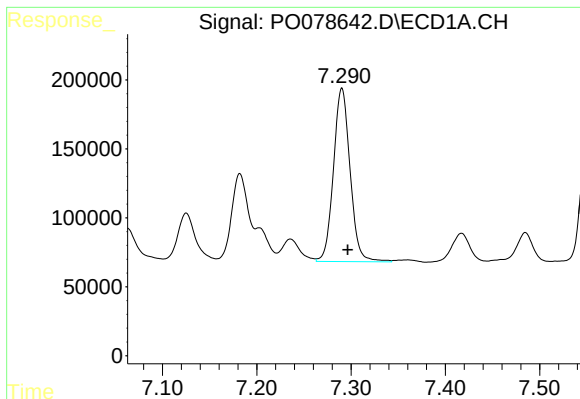
#30 AR-1254-5

R.T.: 7.841 min
Delta R.T.: -0.005 min
Response: 2227247
Conc: 694.62 ng/ml



#30 AR-1254-5

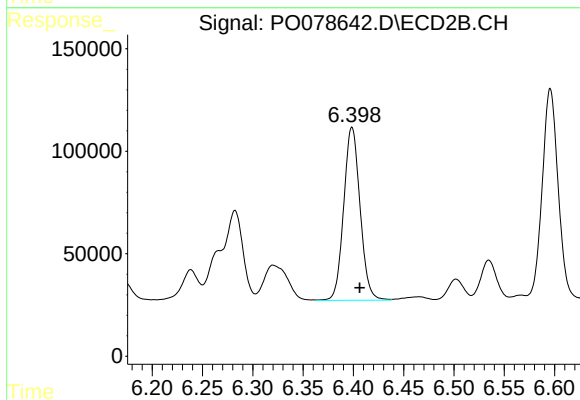
R.T.: 6.924 min
Delta R.T.: -0.006 min
Response: 1232615
Conc: 540.65 ng/ml



#31 AR-1260-1

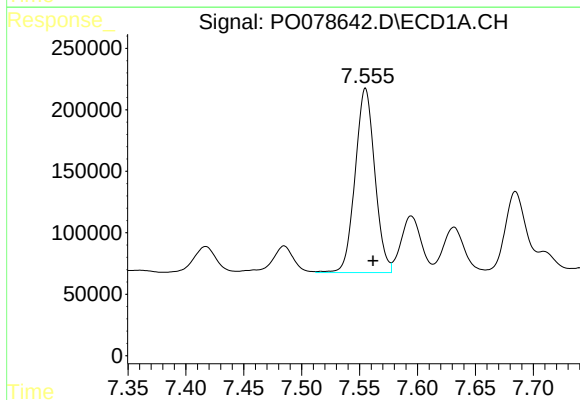
R.T.: 7.290 min
Delta R.T.: -0.006 min
Response: 1539676
Conc: 525.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



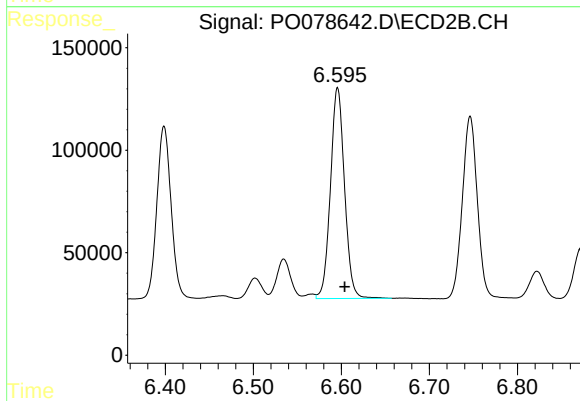
#31 AR-1260-1

R.T.: 6.399 min
Delta R.T.: -0.008 min
Response: 957157
Conc: 603.26 ng/ml



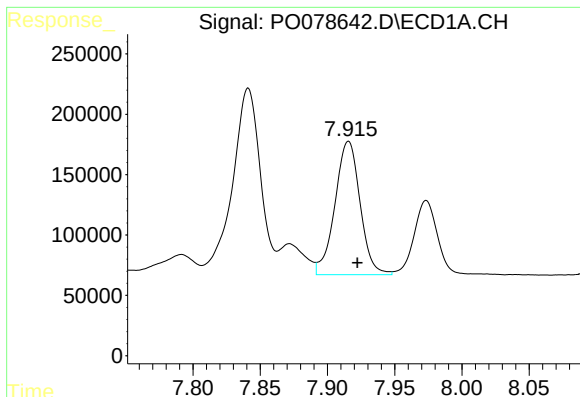
#32 AR-1260-2

R.T.: 7.555 min
Delta R.T.: -0.006 min
Response: 1771239
Conc: 538.43 ng/ml



#32 AR-1260-2

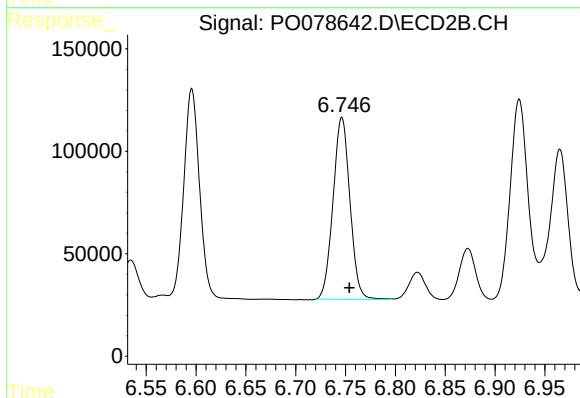
R.T.: 6.596 min
Delta R.T.: -0.008 min
Response: 1143109
Conc: 613.74 ng/ml



#33 AR-1260-3

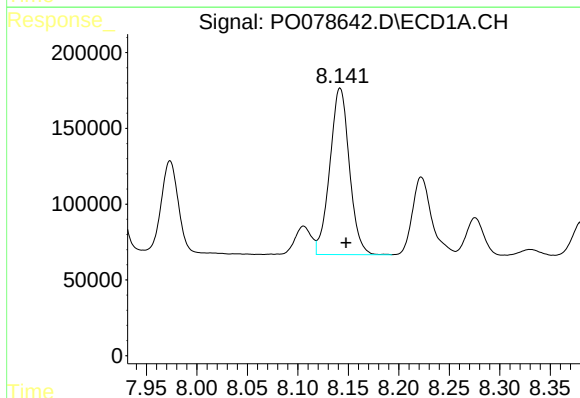
R.T.: 7.916 min
Delta R.T.: -0.007 min
Response: 1432604
Conc: 604.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



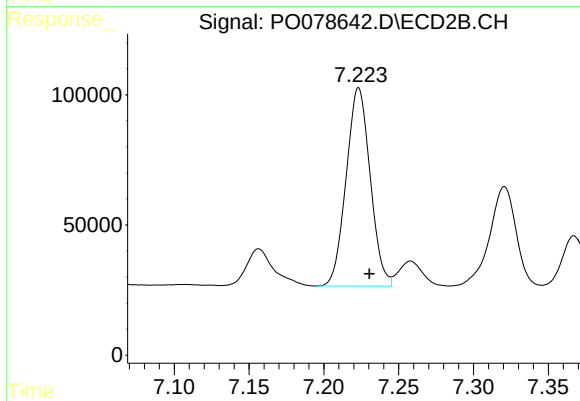
#33 AR-1260-3

R.T.: 6.746 min
Delta R.T.: -0.008 min
Response: 1048416
Conc: 590.87 ng/ml



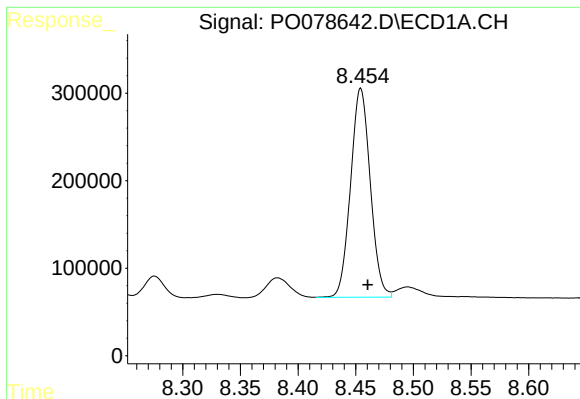
#34 AR-1260-4

R.T.: 8.142 min
Delta R.T.: -0.006 min
Response: 1478563
Conc: 574.88 ng/ml



#34 AR-1260-4

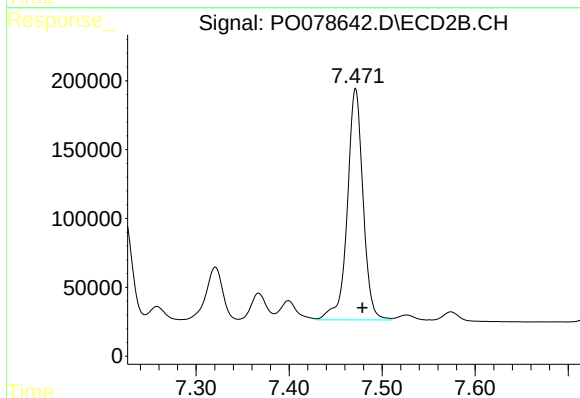
R.T.: 7.223 min
Delta R.T.: -0.007 min
Response: 850355
Conc: 580.30 ng/ml



#35 AR-1260-5

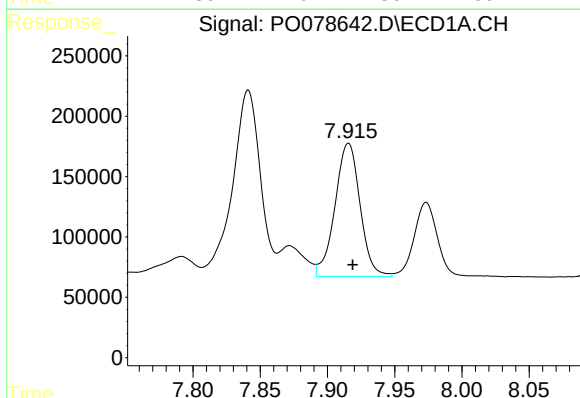
R.T.: 8.454 min
Delta R.T.: -0.006 min
Response: 2828613
Conc: 556.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



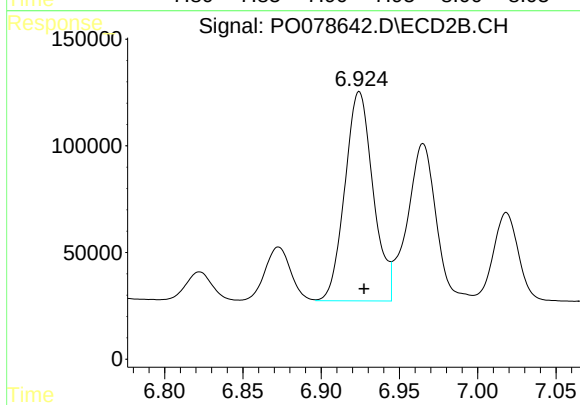
#35 AR-1260-5

R.T.: 7.472 min
Delta R.T.: -0.007 min
Response: 1978059
Conc: 566.90 ng/ml



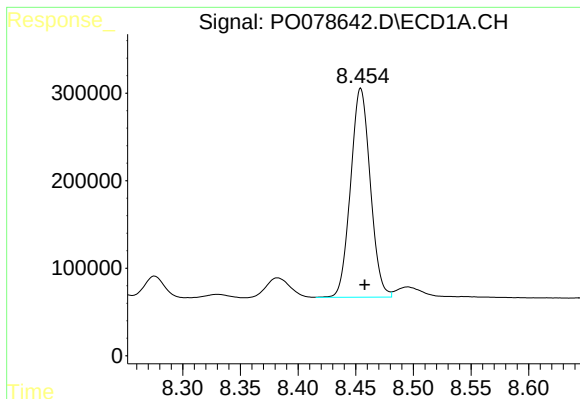
#36 AR-1262-1

R.T.: 7.916 min
Delta R.T.: -0.003 min
Response: 1432604
Conc: 366.23 ng/ml



#36 AR-1262-1

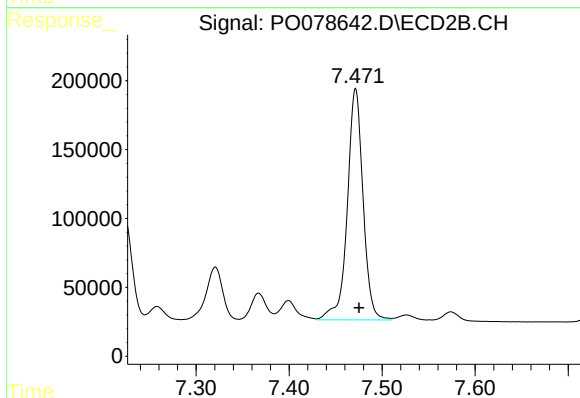
R.T.: 6.924 min
Delta R.T.: -0.003 min
Response: 1232615
Conc: 1031.81 ng/ml



#37 AR-1262-2

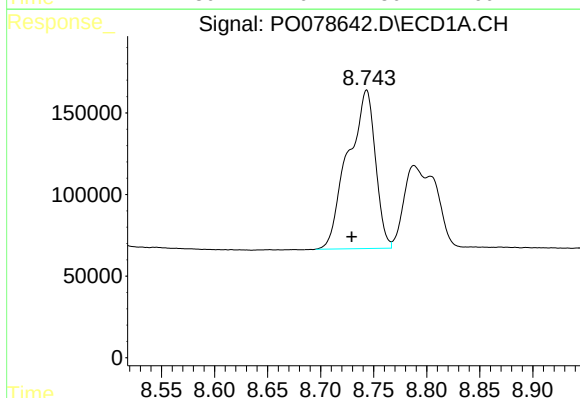
R.T.: 8.454 min
Delta R.T.: -0.003 min
Response: 2828613
Conc: 442.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



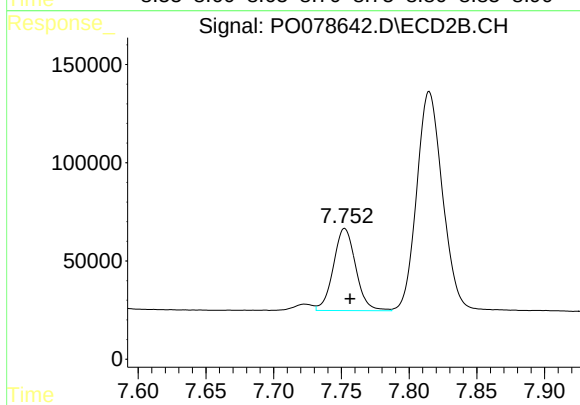
#37 AR-1262-2

R.T.: 7.472 min
Delta R.T.: -0.004 min
Response: 1978059
Conc: 504.37 ng/ml



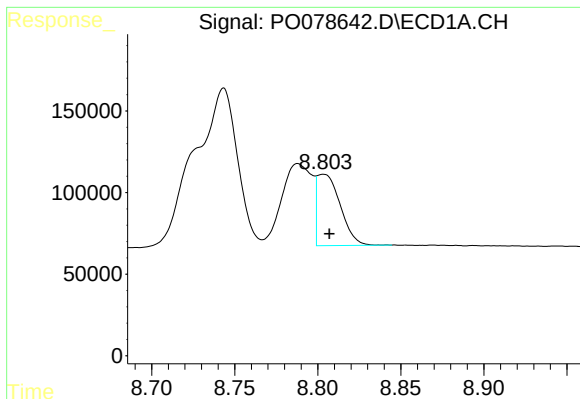
#38 AR-1262-3

R.T.: 8.743 min
Delta R.T.: 0.014 min
Response: 1748172
Conc: 418.57 ng/ml



#38 AR-1262-3

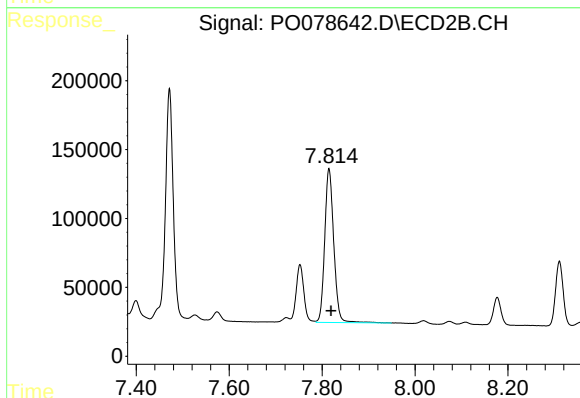
R.T.: 7.752 min
Delta R.T.: -0.004 min
Response: 480582
Conc: 291.95 ng/ml



#39 AR-1262-4

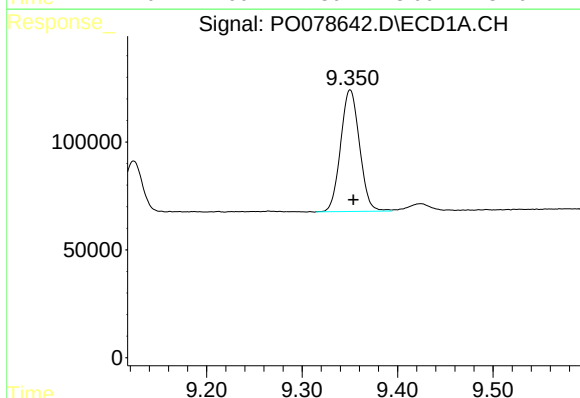
R.T.: 8.803 min
Delta R.T.: -0.004 min
Response: 427876
Conc: 138.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



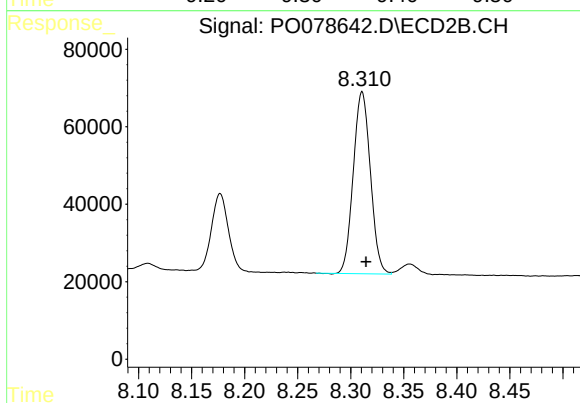
#39 AR-1262-4

R.T.: 7.815 min
Delta R.T.: -0.005 min
Response: 1506998
Conc: 500.99 ng/ml



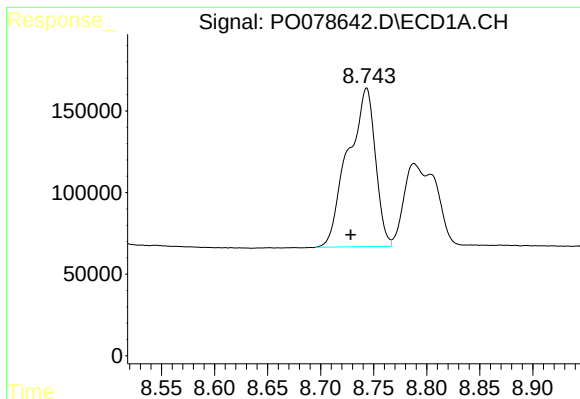
#40 AR-1262-5

R.T.: 9.350 min
Delta R.T.: -0.003 min
Response: 774004
Conc: 408.49 ng/ml



#40 AR-1262-5

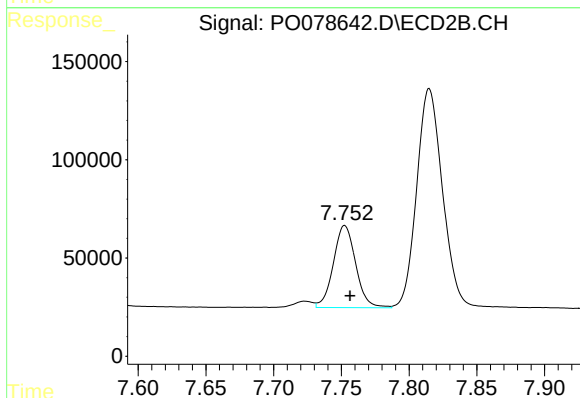
R.T.: 8.311 min
Delta R.T.: -0.004 min
Response: 527808
Conc: 388.91 ng/ml



#41 AR-1268-1

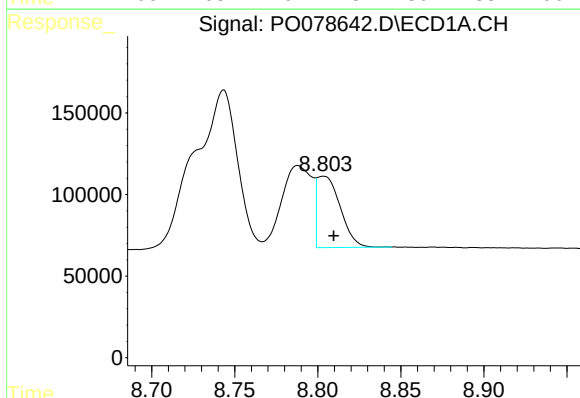
R.T.: 8.743 min
Delta R.T.: 0.015 min
Response: 1748172
Conc: 243.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



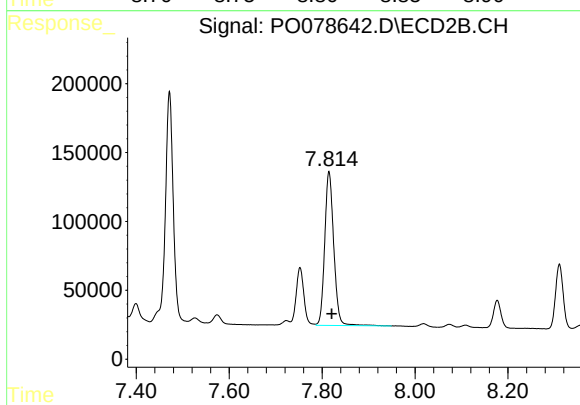
#41 AR-1268-1

R.T.: 7.752 min
Delta R.T.: -0.004 min
Response: 480582
Conc: 105.81 ng/ml



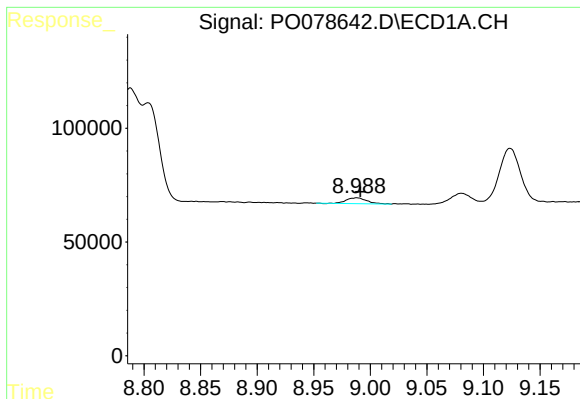
#42 AR-1268-2

R.T.: 8.803 min
Delta R.T.: -0.006 min
Response: 427876
Conc: 67.16 ng/ml



#42 AR-1268-2

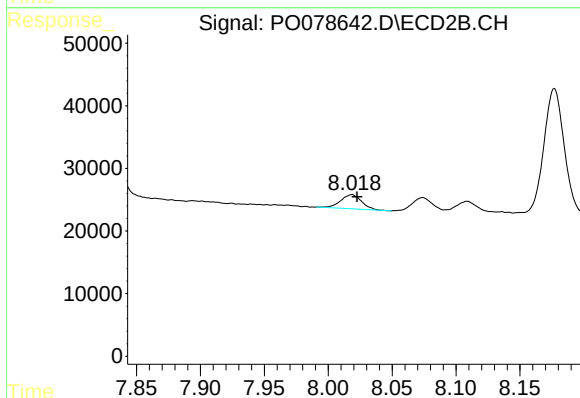
R.T.: 7.815 min
Delta R.T.: -0.006 min
Response: 1506998
Conc: 368.02 ng/ml



#43 AR-1268-3

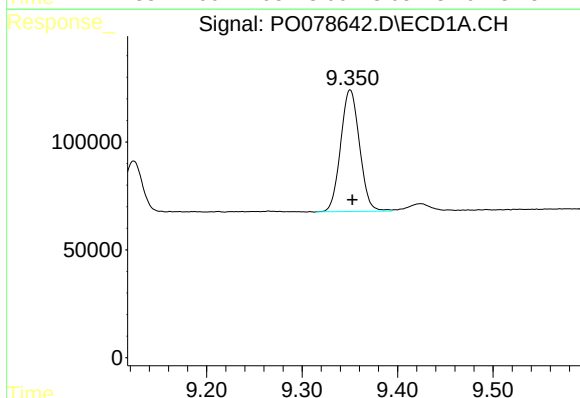
R.T.: 8.988 min
Delta R.T.: -0.003 min
Response: 31446
Conc: 6.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



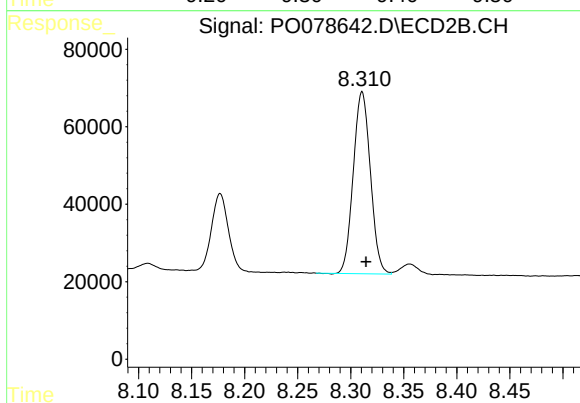
#43 AR-1268-3

R.T.: 8.019 min
Delta R.T.: -0.004 min
Response: 25672
Conc: 7.36 ng/ml



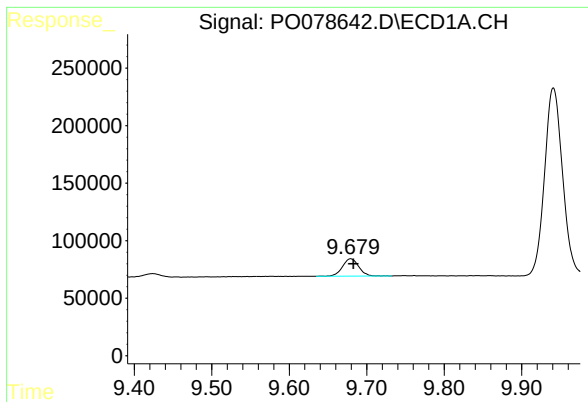
#44 AR-1268-4

R.T.: 9.350 min
Delta R.T.: -0.002 min
Response: 774004
Conc: 390.98 ng/ml



#44 AR-1268-4

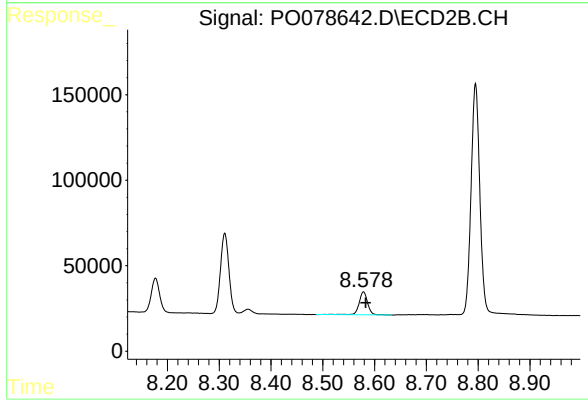
R.T.: 8.311 min
Delta R.T.: -0.004 min
Response: 527808
Conc: 359.58 ng/ml



#45 AR-1268-5

R.T.: 9.679 min
Delta R.T.: -0.004 min
Response: 219433
Conc: 14.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.579 min
Delta R.T.: -0.004 min
Response: 154830
Conc: 14.95 ng/ml