

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101321\
 Data File : PO082030.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 13 Oct 2021 10:38
 Operator : AJ\MA
 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: Oct 14 02:46:49 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101221.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 13 06:41:28 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...	4.987	3.974	2695699	1478710	48.265	54.595
2)	SA Decachlor...	11.107	9.298	1848459	1375590	50.966	57.521
Target Compounds							
3)	L1 AR-1016-1	6.320	5.235	938750	601663	481.510	541.517
4)	L1 AR-1016-2	6.344	5.255	1313577	826168	484.809	538.752
5)	L1 AR-1016-3	6.410	5.446	844313	449456	497.869	549.777
6)	L1 AR-1016-4	6.518	5.500	685394	371845	497.543	556.536
7)	L1 AR-1016-5	6.835	5.728	662626	450377	495.897	575.791
8)	L2 AR-1221-1	5.233	4.231	108119	57353	156.587	170.179
9)	L2 AR-1221-2	5.339	4.332	142726	83323	288.746	320.189
10)	L2 AR-1221-3	5.427	4.421	537610	326271	361.308	395.625
11)	L3 AR-1232-1	5.427	4.421	537610	326271	472.390	520.785
12)	L3 AR-1232-2	6.022	5.255	738026	826168	1174.349	1231.381
13)	L3 AR-1232-3	6.344	5.446	1313577	449456	1128.036	1273.300
14)	L3 AR-1232-4	6.518	5.544	685394	432640	1152.718	1391.698
15)	L3 AR-1232-5	6.617	5.728	545817	450377	1307.647	1357.106
16)	L4 AR-1242-1	6.320	5.235	938750	601663	649.657	701.595
17)	L4 AR-1242-2	6.344	5.255	1313577	826168	654.238	710.762
18)	L4 AR-1242-3	6.410	5.446	844313	449456	671.042	715.917
19)	L4 AR-1242-4	6.518	5.544	685394	432640	664.510	717.976
20)	L4 AR-1242-5	7.307	6.110	108633	358784	105.879	448.398 #
21)	L5 AR-1248-1	6.320	5.235	938750	601663	834.517	878.800
22)	L5 AR-1248-2	6.617	5.500	545817	371845	389.632	420.011
23)	L5 AR-1248-3	6.835	5.544	662626	432640	395.959	505.091 #
24)	L5 AR-1248-4	7.267	5.728	122659	450377	68.349	426.118 #
25)	L5 AR-1248-5	7.307	6.152	108633	56424	63.290	56.207
26)	L6 AR-1254-1	7.236	6.110	494869	358784	273.835	231.161
27)	L6 AR-1254-2	7.467	6.270	512264	327550	186.445	236.459 #
28)	L6 AR-1254-3	7.852	6.711f	288767	600172	106.585	285.927 #
29)	L6 AR-1254-4	8.148	6.931	192083	77480	93.859	55.155 #
30)	L6 AR-1254-5	8.581	7.362	1468017	1125315	658.358	578.076
31)	L7 AR-1260-1	8.020	6.829	1083518	815502	519.434	545.858
32)	L7 AR-1260-2	8.287	7.028	1248635	984038	501.320	543.149
33)	L7 AR-1260-3	8.655	7.182	845145	915749	497.669	528.486
34)	L7 AR-1260-4	8.887	7.668	1019201	702251	500.519	564.981
35)	L7 AR-1260-5	9.223	7.916	1867765	1663999	502.737	559.611
36)	L8 AR-1262-1	8.655	7.362	845145	1125315	181.292	563.918 #
37)	L8 AR-1262-2	9.223	7.916	1867765	1663999	231.362	247.665
38)	L8 AR-1262-3	9.564f	8.205	1278754	373109	325.019	138.776 #
39)	L8 AR-1262-4	9.618f	8.266	746420	1218337	328.040	245.998 #
40)	L8 AR-1262-5	10.328	8.767	539379	413361	171.774	178.356
41)	L9 AR-1268-1	9.564f	8.205	1278754	373109	134.701	47.987 #

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 ALS Vial : 3 Sample Multiplier: 1

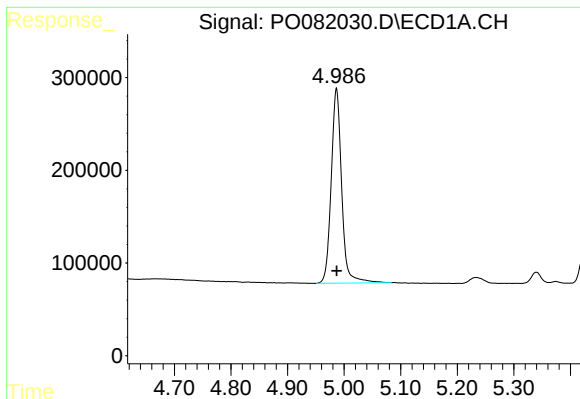
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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	9.618f	8.266	746420	1218337	84.749	171.952 #
43) L9	AR-1268-3	9.874	8.479	39709	24688	5.331	4.153
44) L9	AR-1268-4	10.328	8.767	539379	413361	157.985	163.119
45) L9	AR-1268-5	10.758	9.049	165230	133608	6.947	7.164

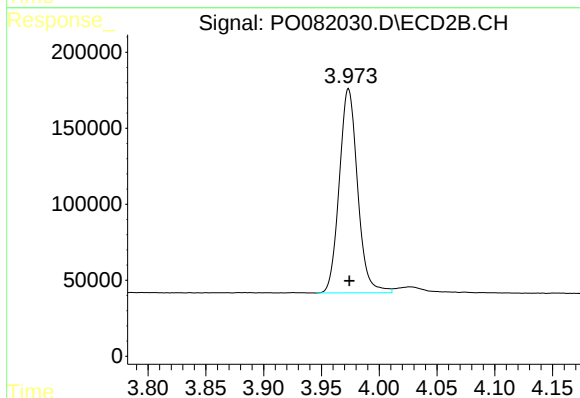
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

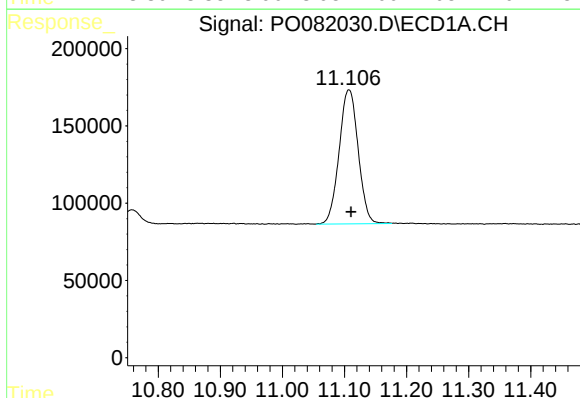
R.T.: 4.987 min
Delta R.T.: 0.000 min
Response: 2695699
Conc: 48.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



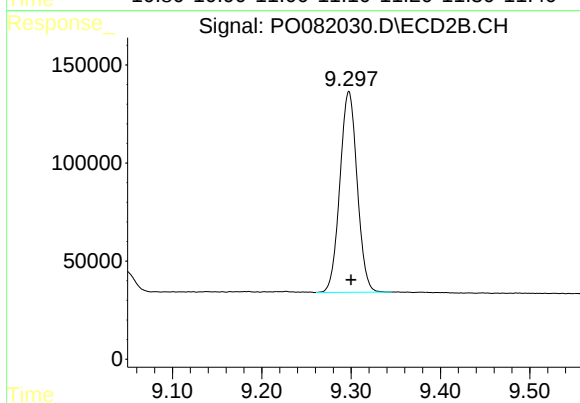
#1 Tetrachloro-m-xylene

R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 1478710
Conc: 54.60 ng/ml



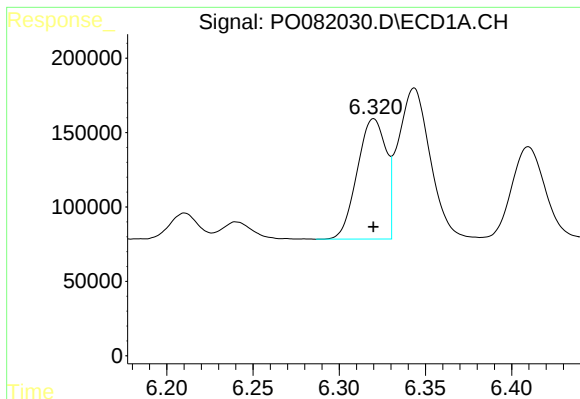
#2 Decachlorobiphenyl

R.T.: 11.107 min
Delta R.T.: -0.004 min
Response: 1848459
Conc: 50.97 ng/ml



#2 Decachlorobiphenyl

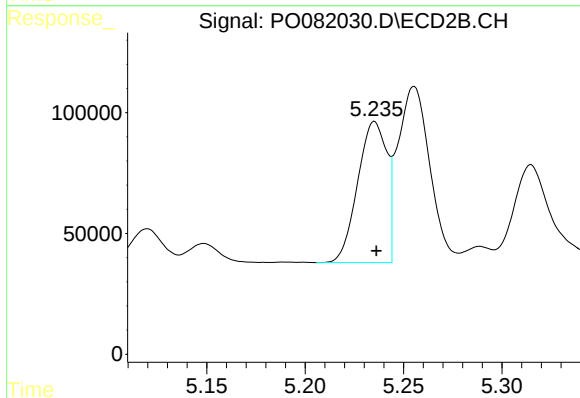
R.T.: 9.298 min
Delta R.T.: -0.002 min
Response: 1375590
Conc: 57.52 ng/ml



#3 AR-1016-1

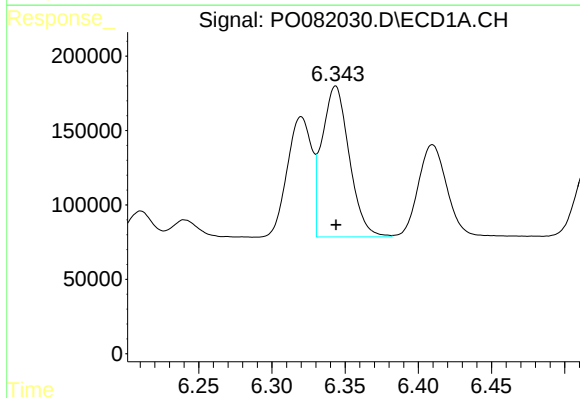
R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 938750
Conc: 481.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



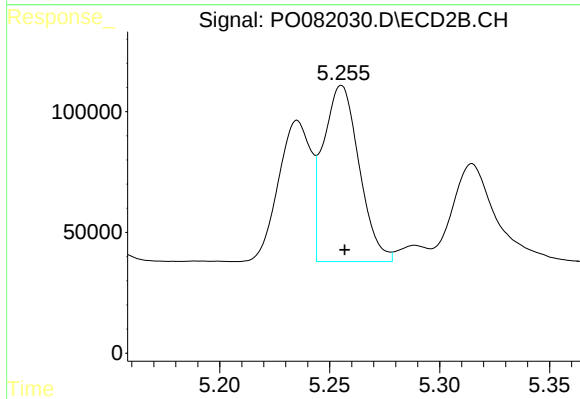
#3 AR-1016-1

R.T.: 5.235 min
Delta R.T.: 0.000 min
Response: 601663
Conc: 541.52 ng/ml



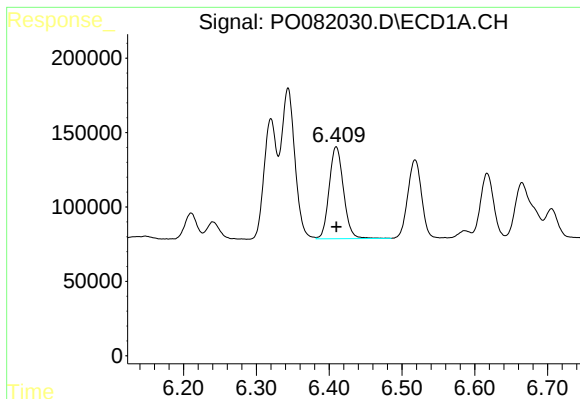
#4 AR-1016-2

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 1313577
Conc: 484.81 ng/ml



#4 AR-1016-2

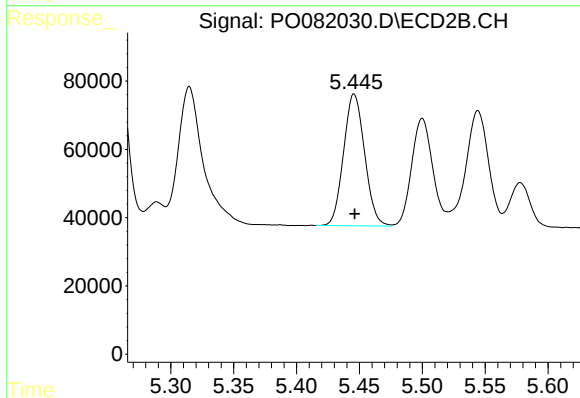
R.T.: 5.255 min
Delta R.T.: -0.001 min
Response: 826168
Conc: 538.75 ng/ml



#5 AR-1016-3

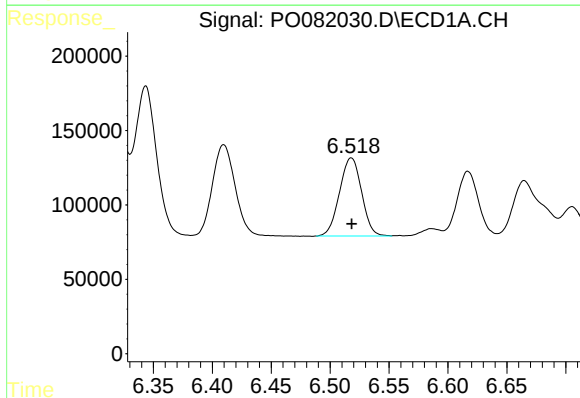
R.T.: 6.410 min
Delta R.T.: 0.000 min
Response: 844313
Conc: 497.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



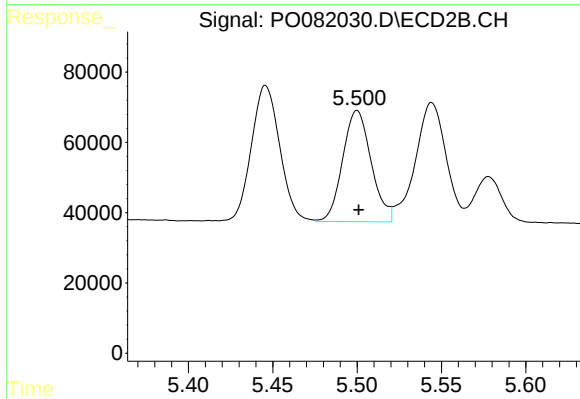
#5 AR-1016-3

R.T.: 5.446 min
Delta R.T.: 0.000 min
Response: 449456
Conc: 549.78 ng/ml



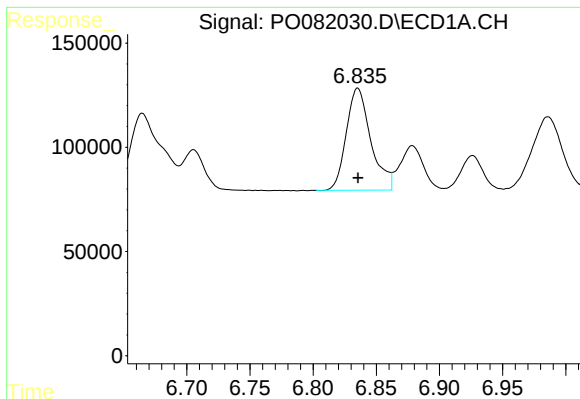
#6 AR-1016-4

R.T.: 6.518 min
Delta R.T.: 0.000 min
Response: 685394
Conc: 497.54 ng/ml



#6 AR-1016-4

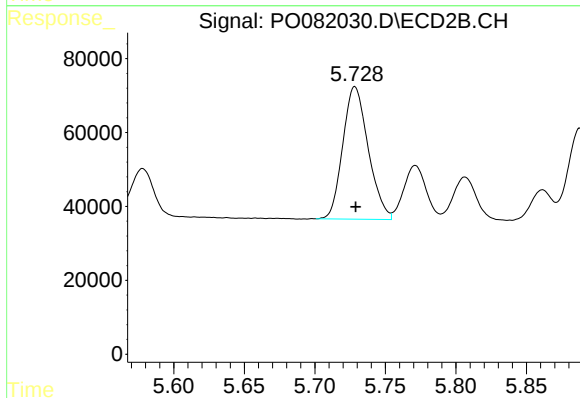
R.T.: 5.500 min
Delta R.T.: 0.000 min
Response: 371845
Conc: 556.54 ng/ml



#7 AR-1016-5

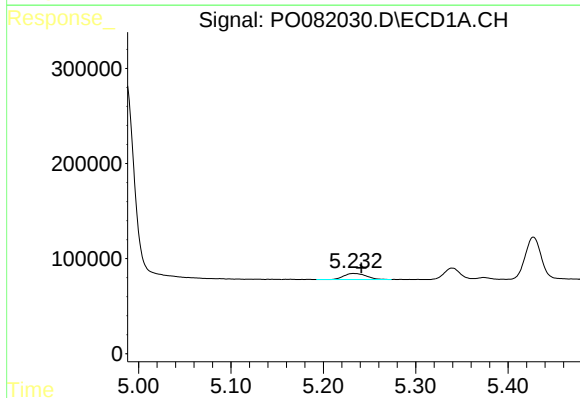
R.T.: 6.835 min
Delta R.T.: 0.000 min
Response: 662626
Conc: 495.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



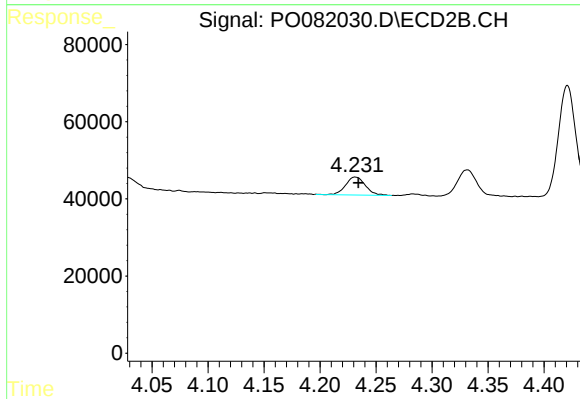
#7 AR-1016-5

R.T.: 5.728 min
Delta R.T.: 0.000 min
Response: 450377
Conc: 575.79 ng/ml



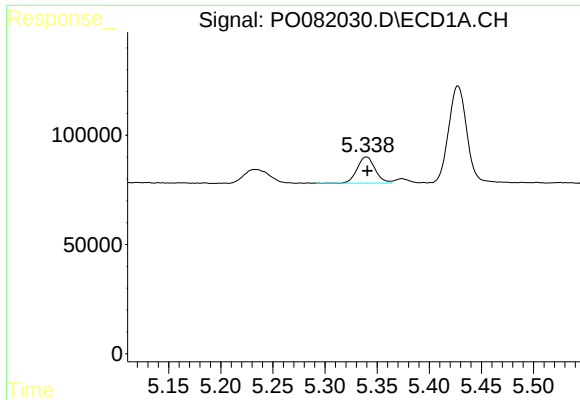
#8 AR-1221-1

R.T.: 5.233 min
Delta R.T.: -0.008 min
Response: 108119
Conc: 156.59 ng/ml



#8 AR-1221-1

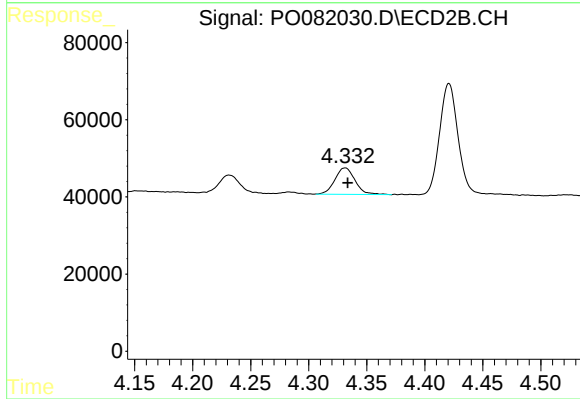
R.T.: 4.231 min
Delta R.T.: -0.003 min
Response: 57353
Conc: 170.18 ng/ml



#9 AR-1221-2

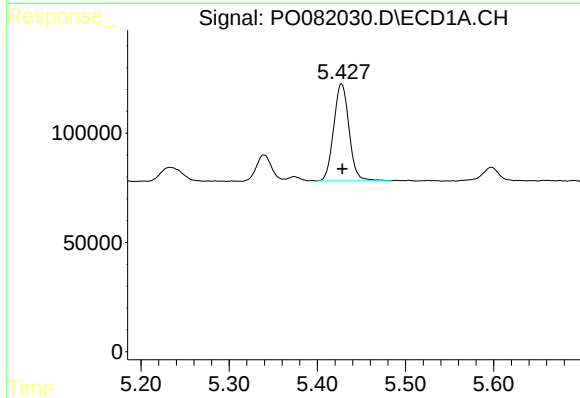
R.T.: 5.339 min
Delta R.T.: -0.002 min
Response: 142726
Conc: 288.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



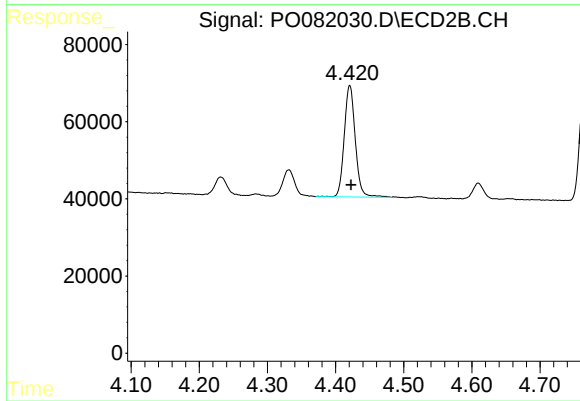
#9 AR-1221-2

R.T.: 4.332 min
Delta R.T.: -0.002 min
Response: 83323
Conc: 320.19 ng/ml



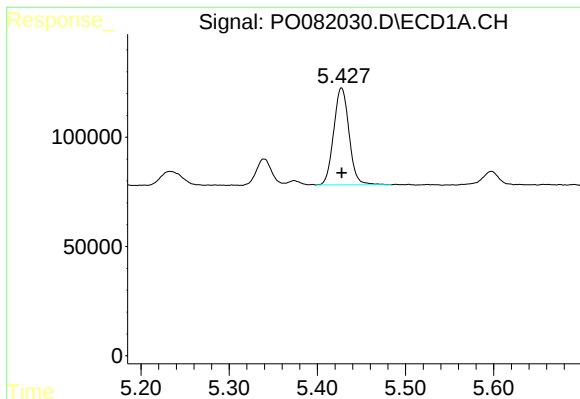
#10 AR-1221-3

R.T.: 5.427 min
Delta R.T.: -0.001 min
Response: 537610
Conc: 361.31 ng/ml



#10 AR-1221-3

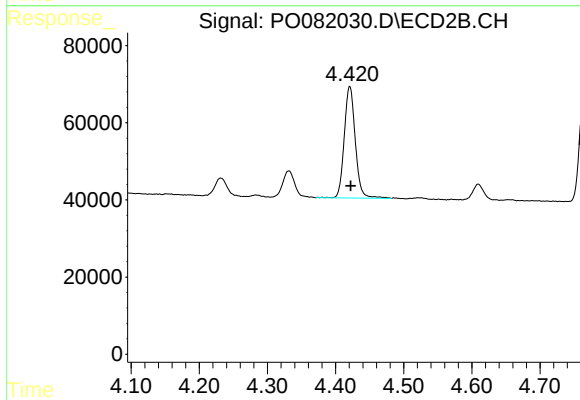
R.T.: 4.421 min
Delta R.T.: -0.002 min
Response: 326271
Conc: 395.62 ng/ml



#11 AR-1232-1

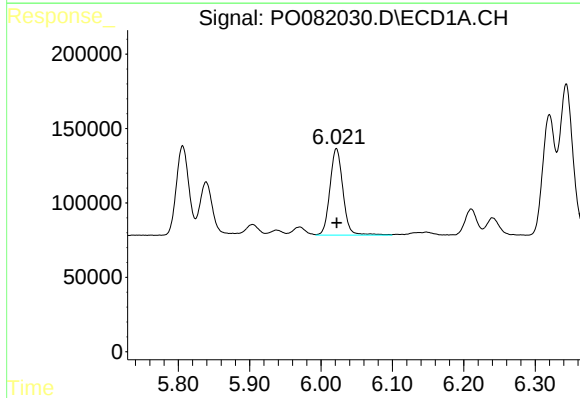
R.T.: 5.427 min
Delta R.T.: 0.000 min
Response: 537610
Conc: 472.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



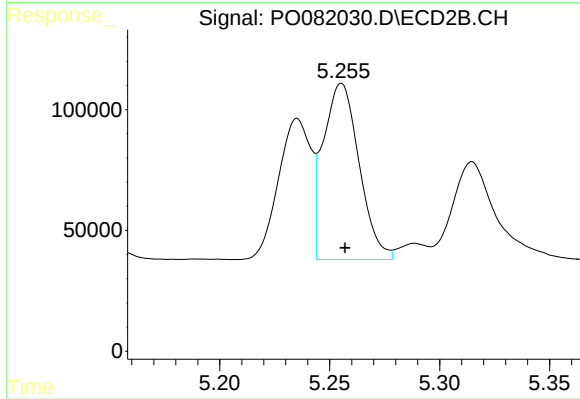
#11 AR-1232-1

R.T.: 4.421 min
Delta R.T.: -0.002 min
Response: 326271
Conc: 520.78 ng/ml



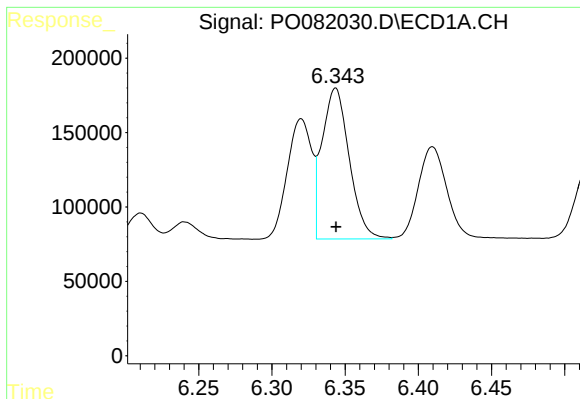
#12 AR-1232-2

R.T.: 6.022 min
Delta R.T.: 0.000 min
Response: 738026
Conc: 1174.35 ng/ml



#12 AR-1232-2

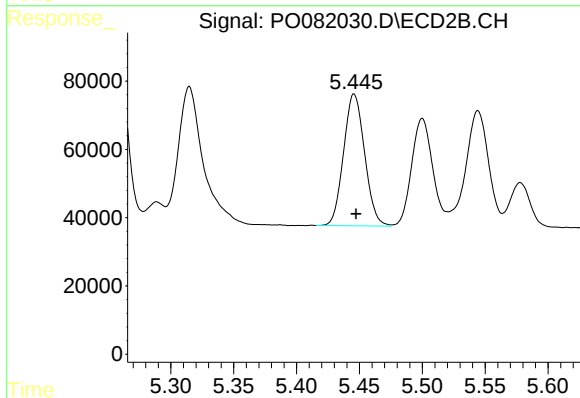
R.T.: 5.255 min
Delta R.T.: -0.002 min
Response: 826168
Conc: 1231.38 ng/ml



#13 AR-1232-3

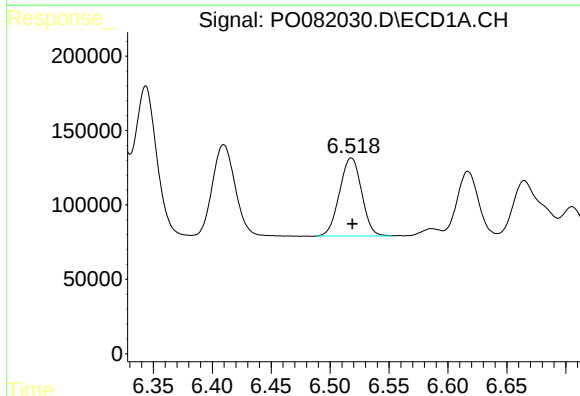
R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 1313577
Conc: 1128.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



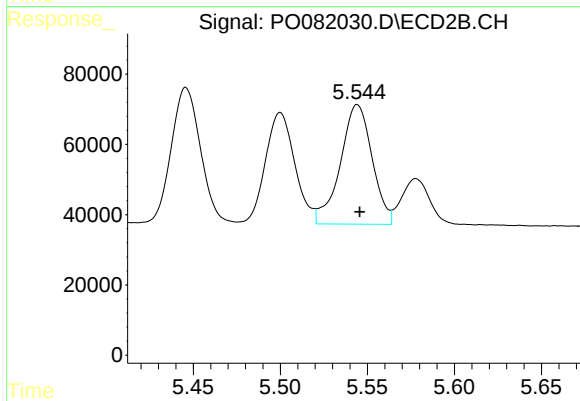
#13 AR-1232-3

R.T.: 5.446 min
Delta R.T.: -0.002 min
Response: 449456
Conc: 1273.30 ng/ml



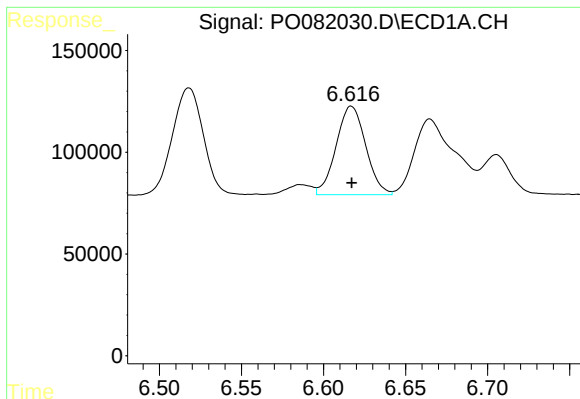
#14 AR-1232-4

R.T.: 6.518 min
Delta R.T.: 0.000 min
Response: 685394
Conc: 1152.72 ng/ml



#14 AR-1232-4

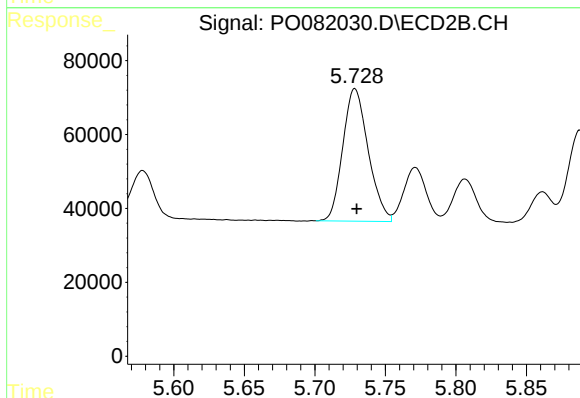
R.T.: 5.544 min
Delta R.T.: -0.001 min
Response: 432640
Conc: 1391.70 ng/ml



#15 AR-1232-5

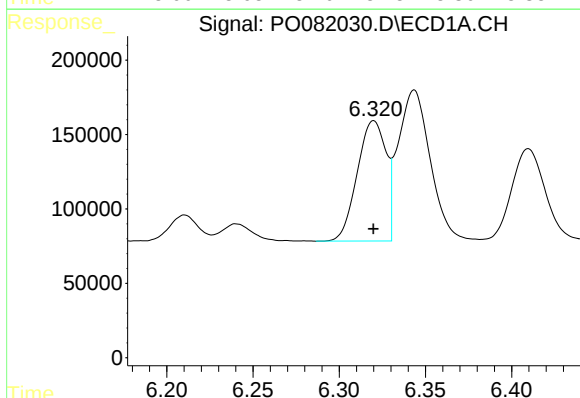
R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 545817
Conc: 1307.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



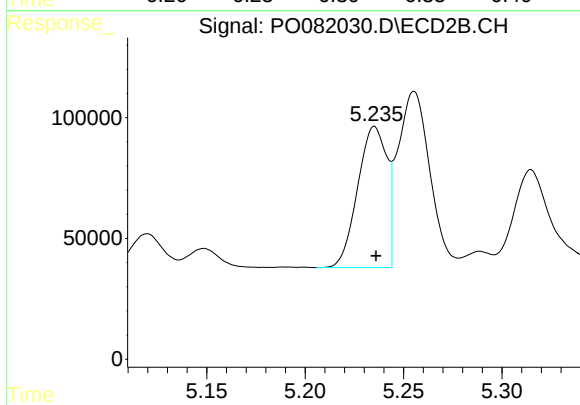
#15 AR-1232-5

R.T.: 5.728 min
Delta R.T.: -0.001 min
Response: 450377
Conc: 1357.11 ng/ml



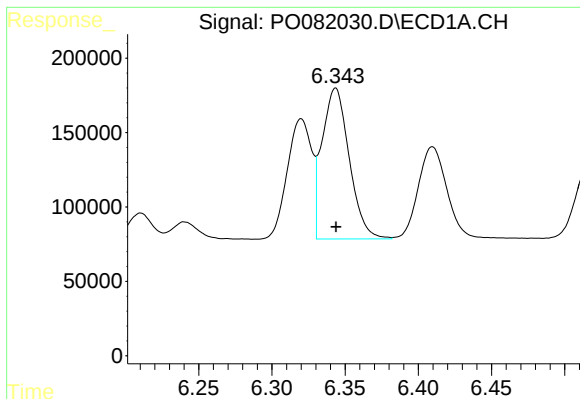
#16 AR-1242-1

R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 938750
Conc: 649.66 ng/ml



#16 AR-1242-1

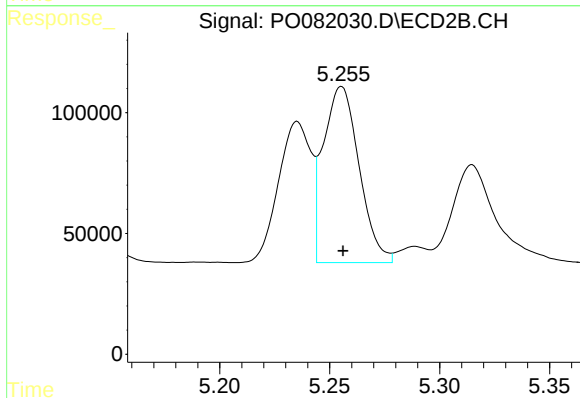
R.T.: 5.235 min
Delta R.T.: 0.000 min
Response: 601663
Conc: 701.60 ng/ml



#17 AR-1242-2

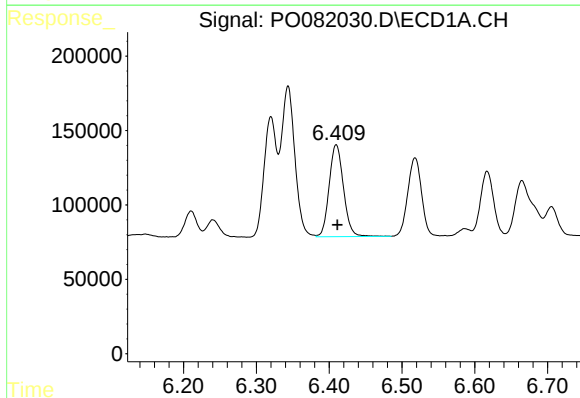
R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 1313577
Conc: 654.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



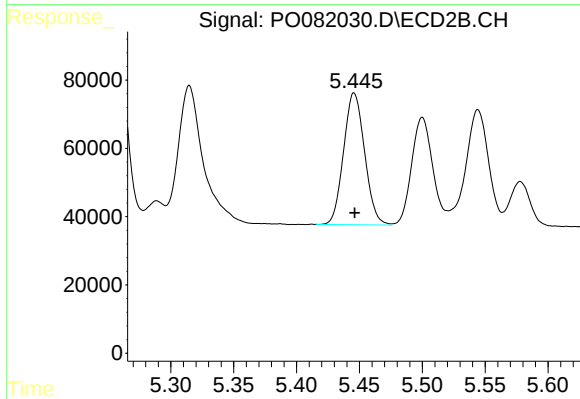
#17 AR-1242-2

R.T.: 5.255 min
Delta R.T.: 0.000 min
Response: 826168
Conc: 710.76 ng/ml



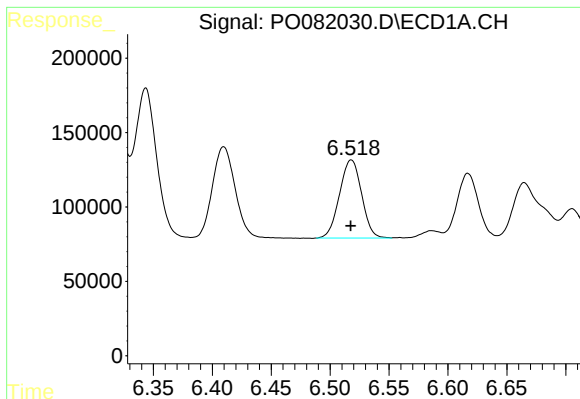
#18 AR-1242-3

R.T.: 6.410 min
Delta R.T.: -0.001 min
Response: 844313
Conc: 671.04 ng/ml



#18 AR-1242-3

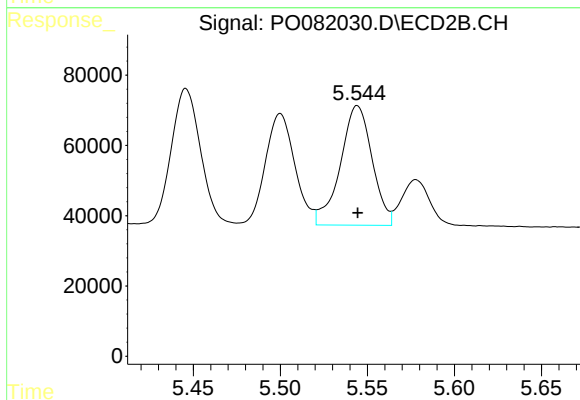
R.T.: 5.446 min
Delta R.T.: 0.000 min
Response: 449456
Conc: 715.92 ng/ml



#19 AR-1242-4

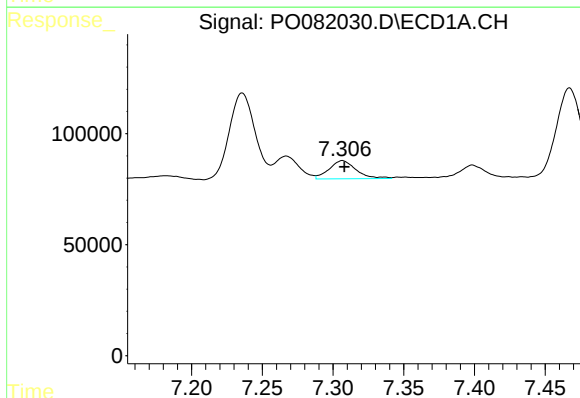
R.T.: 6.518 min
Delta R.T.: 0.000 min
Response: 685394
Conc: 664.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



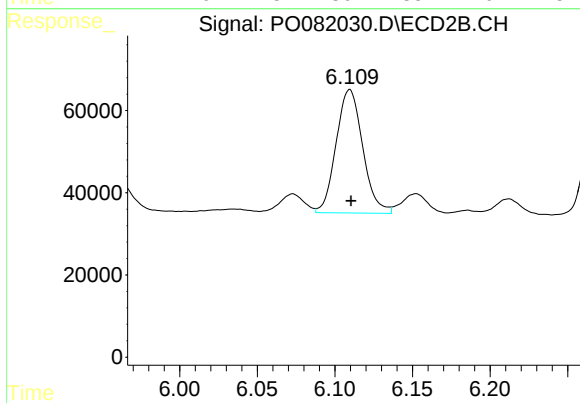
#19 AR-1242-4

R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 432640
Conc: 717.98 ng/ml



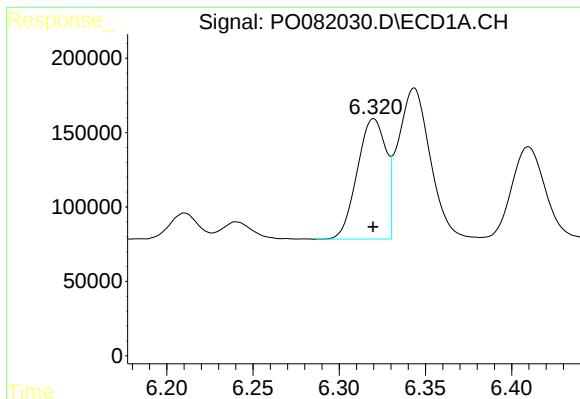
#20 AR-1242-5

R.T.: 7.307 min
Delta R.T.: -0.001 min
Response: 108633
Conc: 105.88 ng/ml



#20 AR-1242-5

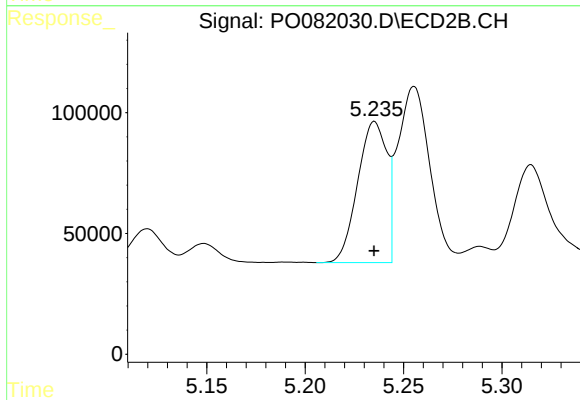
R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 358784
Conc: 448.40 ng/ml



#21 AR-1248-1

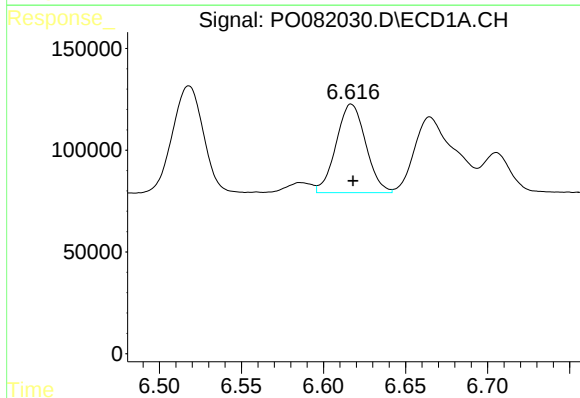
R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 938750
Conc: 834.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



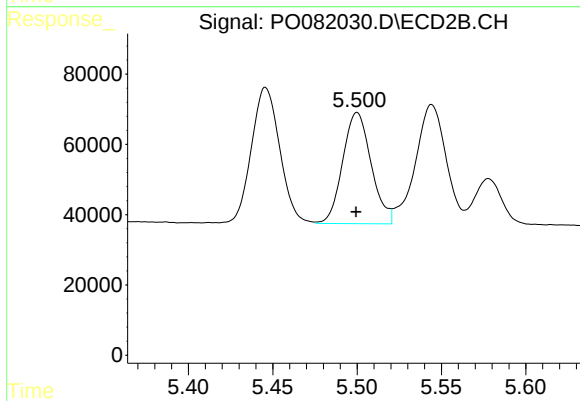
#21 AR-1248-1

R.T.: 5.235 min
Delta R.T.: 0.000 min
Response: 601663
Conc: 878.80 ng/ml



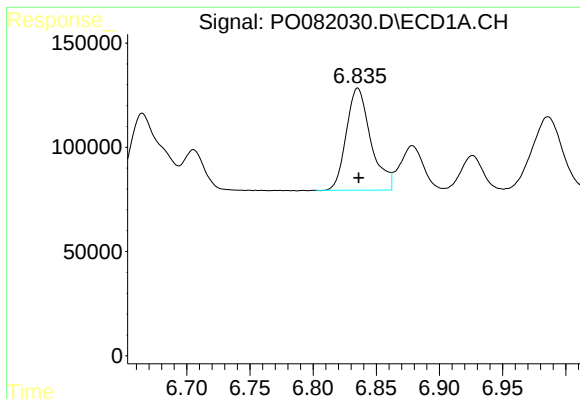
#22 AR-1248-2

R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 545817
Conc: 389.63 ng/ml



#22 AR-1248-2

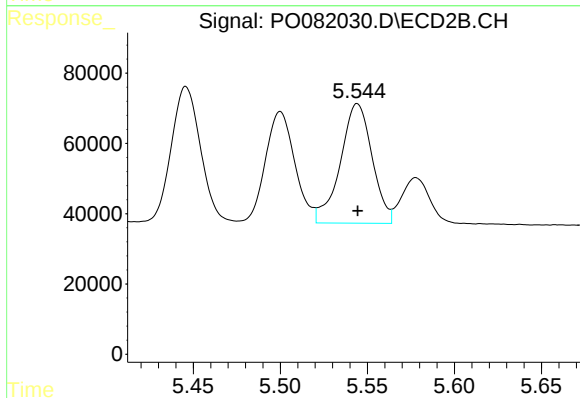
R.T.: 5.500 min
Delta R.T.: 0.000 min
Response: 371845
Conc: 420.01 ng/ml



#23 AR-1248-3

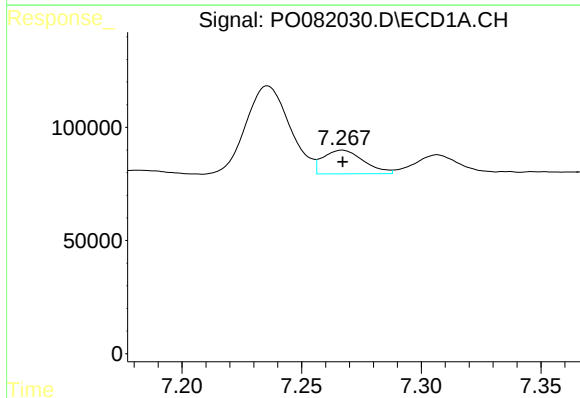
R.T.: 6.835 min
Delta R.T.: 0.000 min
Response: 662626
Conc: 395.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



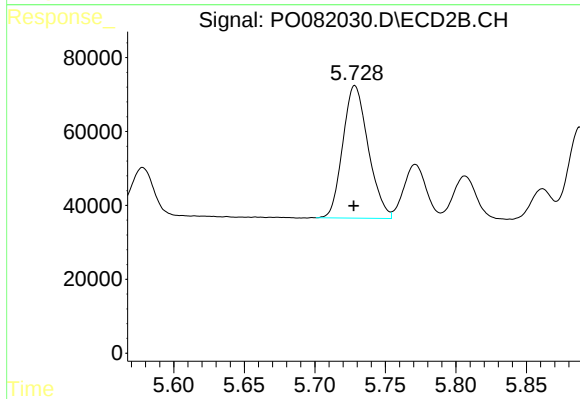
#23 AR-1248-3

R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 432640
Conc: 505.09 ng/ml



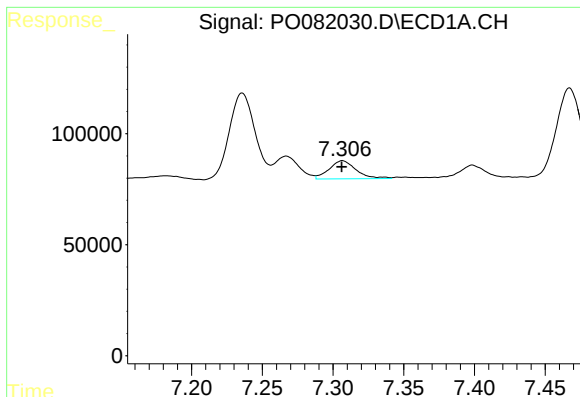
#24 AR-1248-4

R.T.: 7.267 min
Delta R.T.: 0.000 min
Response: 122659
Conc: 68.35 ng/ml



#24 AR-1248-4

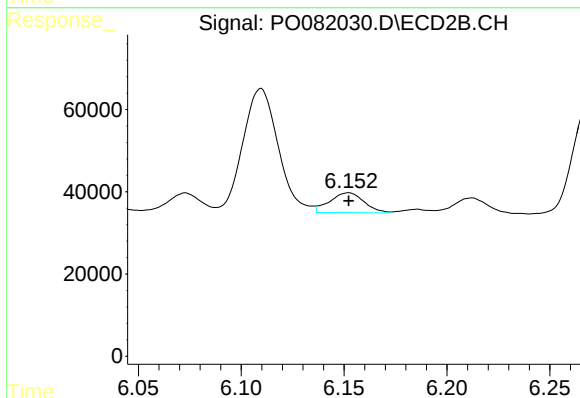
R.T.: 5.728 min
Delta R.T.: 0.000 min
Response: 450377
Conc: 426.12 ng/ml



#25 AR-1248-5

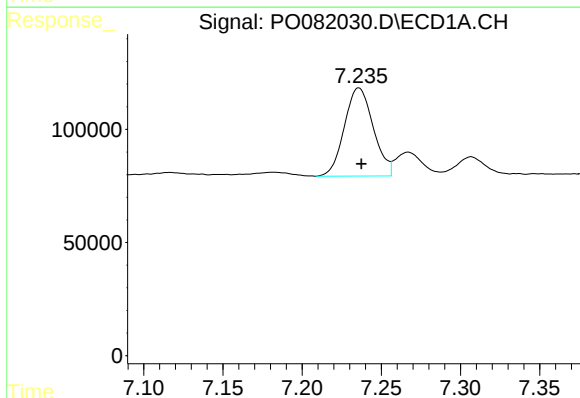
R.T.: 7.307 min
Delta R.T.: 0.000 min
Response: 108633
Conc: 63.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



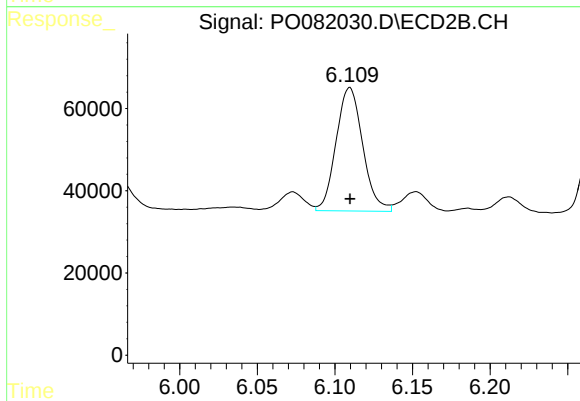
#25 AR-1248-5

R.T.: 6.152 min
Delta R.T.: 0.000 min
Response: 56424
Conc: 56.21 ng/ml



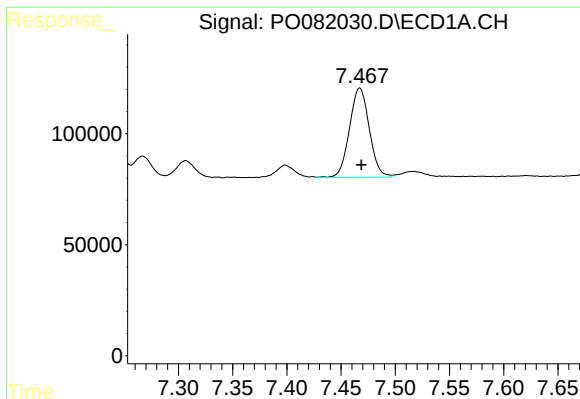
#26 AR-1254-1

R.T.: 7.236 min
Delta R.T.: -0.002 min
Response: 494869
Conc: 273.84 ng/ml



#26 AR-1254-1

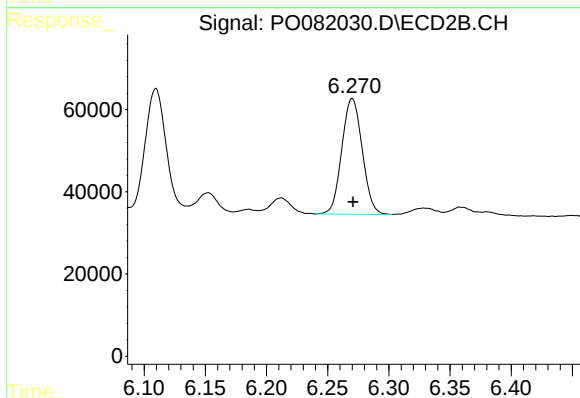
R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 358784
Conc: 231.16 ng/ml



#27 AR-1254-2

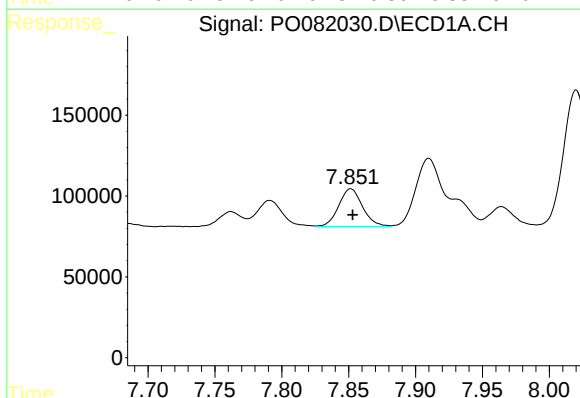
R.T.: 7.467 min
Delta R.T.: -0.002 min
Response: 512264
Conc: 186.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



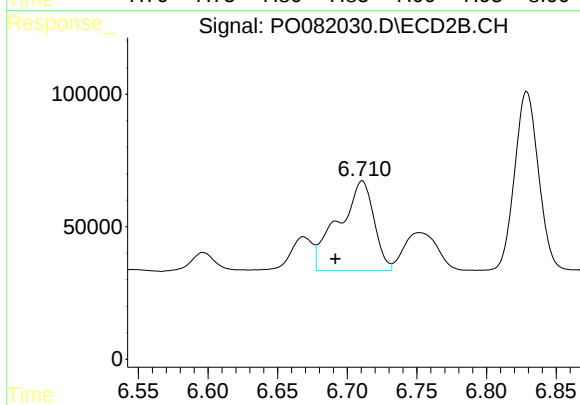
#27 AR-1254-2

R.T.: 6.270 min
Delta R.T.: 0.000 min
Response: 327550
Conc: 236.46 ng/ml



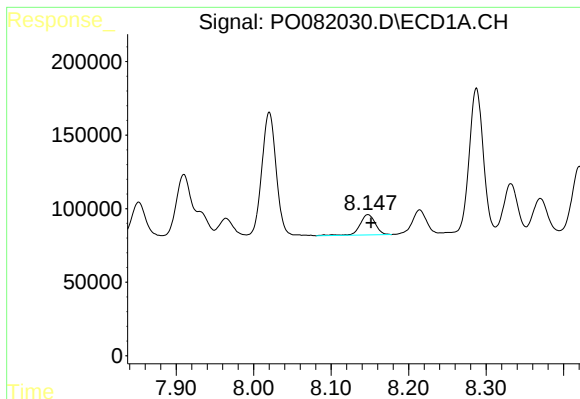
#28 AR-1254-3

R.T.: 7.852 min
Delta R.T.: -0.001 min
Response: 288767
Conc: 106.58 ng/ml



#28 AR-1254-3

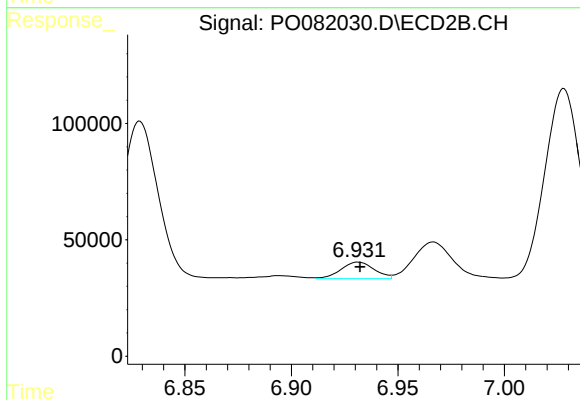
R.T.: 6.711 min
Delta R.T.: 0.019 min
Response: 600172
Conc: 285.93 ng/ml



#29 AR-1254-4

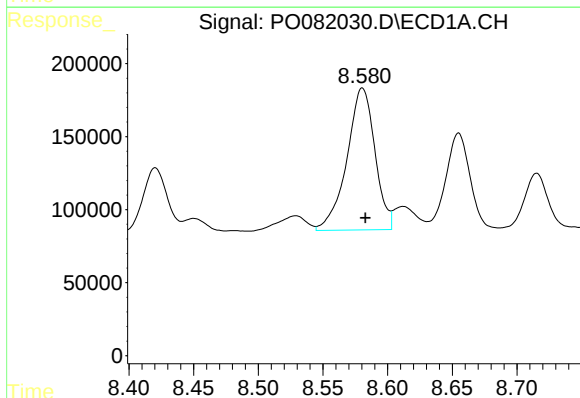
R.T.: 8.148 min
Delta R.T.: -0.004 min
Response: 192083
Conc: 93.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



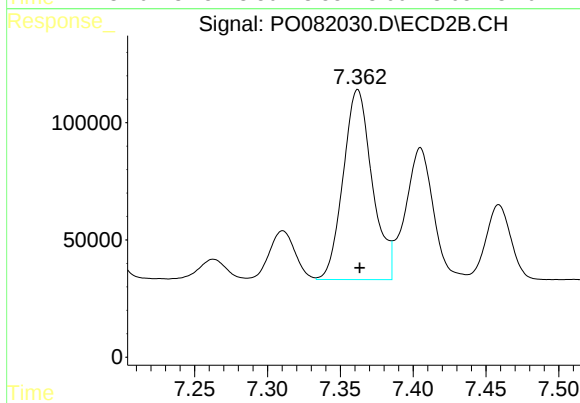
#29 AR-1254-4

R.T.: 6.931 min
Delta R.T.: 0.000 min
Response: 77480
Conc: 55.15 ng/ml



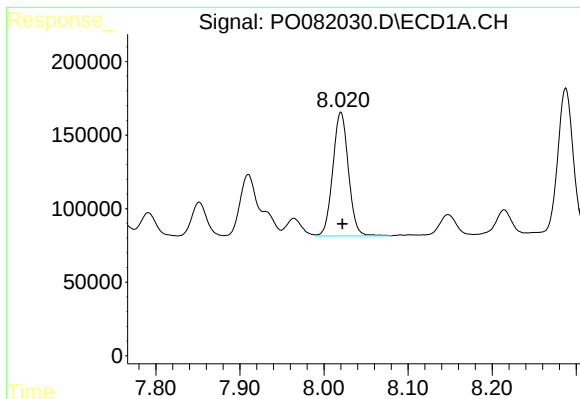
#30 AR-1254-5

R.T.: 8.581 min
Delta R.T.: -0.002 min
Response: 1468017
Conc: 658.36 ng/ml



#30 AR-1254-5

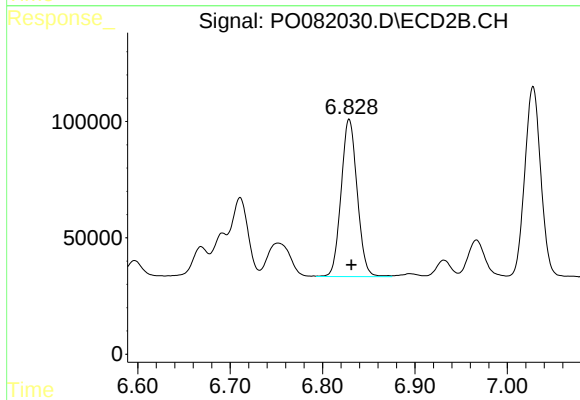
R.T.: 7.362 min
Delta R.T.: -0.001 min
Response: 1125315
Conc: 578.08 ng/ml



#31 AR-1260-1

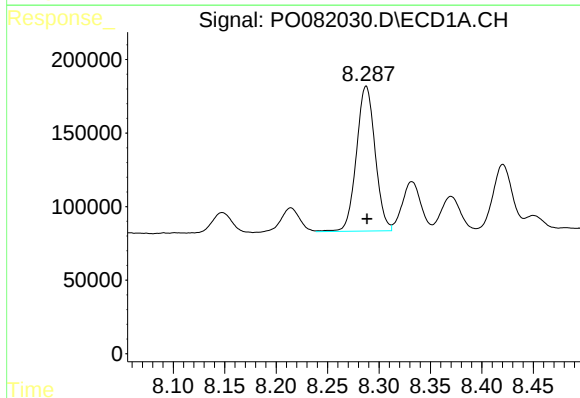
R.T.: 8.020 min
Delta R.T.: -0.002 min
Response: 1083518
Conc: 519.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



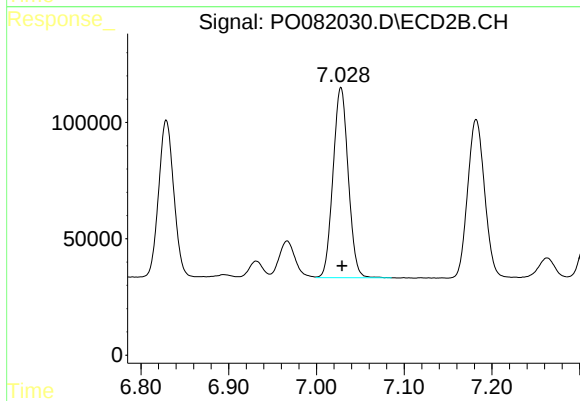
#31 AR-1260-1

R.T.: 6.829 min
Delta R.T.: -0.002 min
Response: 815502
Conc: 545.86 ng/ml



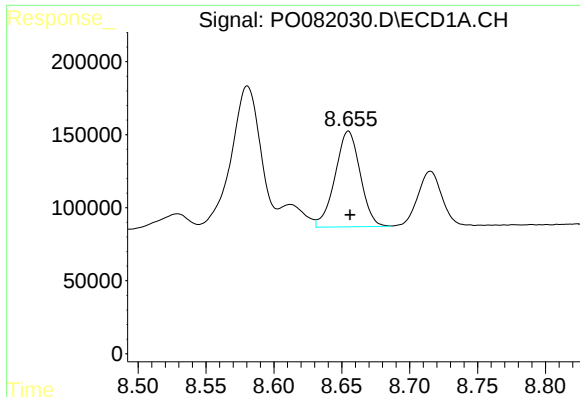
#32 AR-1260-2

R.T.: 8.287 min
Delta R.T.: -0.001 min
Response: 1248635
Conc: 501.32 ng/ml



#32 AR-1260-2

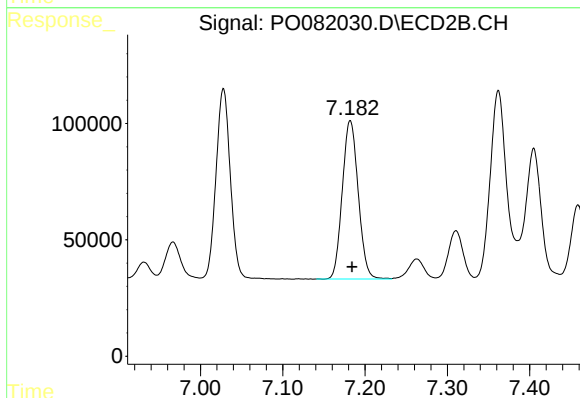
R.T.: 7.028 min
Delta R.T.: -0.001 min
Response: 984038
Conc: 543.15 ng/ml



#33 AR-1260-3

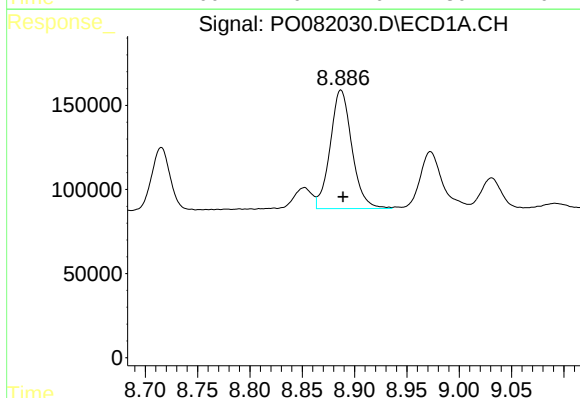
R.T.: 8.655 min
Delta R.T.: -0.001 min
Response: 845145
Conc: 497.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



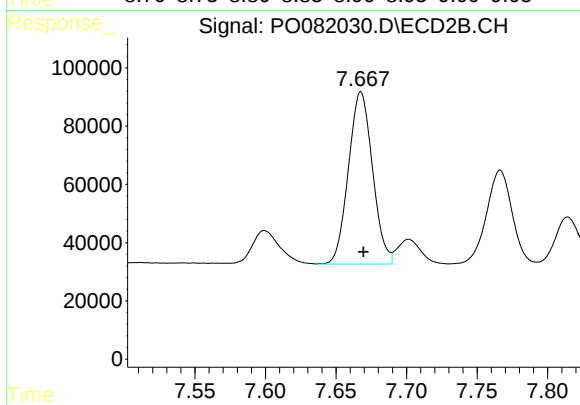
#33 AR-1260-3

R.T.: 7.182 min
Delta R.T.: -0.002 min
Response: 915749
Conc: 528.49 ng/ml



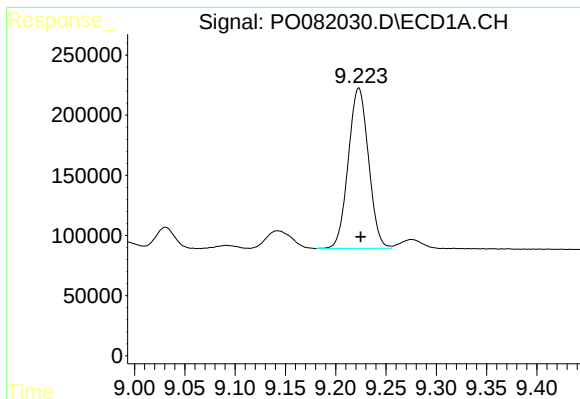
#34 AR-1260-4

R.T.: 8.887 min
Delta R.T.: -0.002 min
Response: 1019201
Conc: 500.52 ng/ml



#34 AR-1260-4

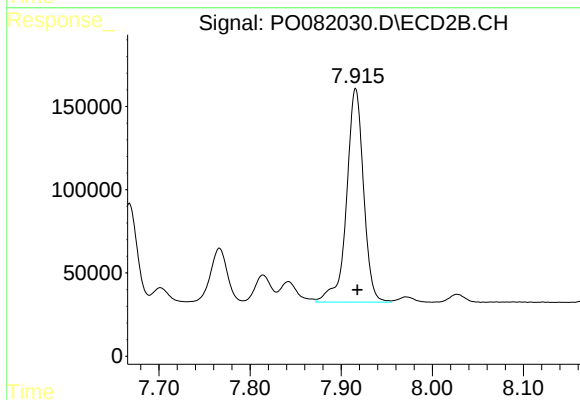
R.T.: 7.668 min
Delta R.T.: -0.002 min
Response: 702251
Conc: 564.98 ng/ml



#35 AR-1260-5

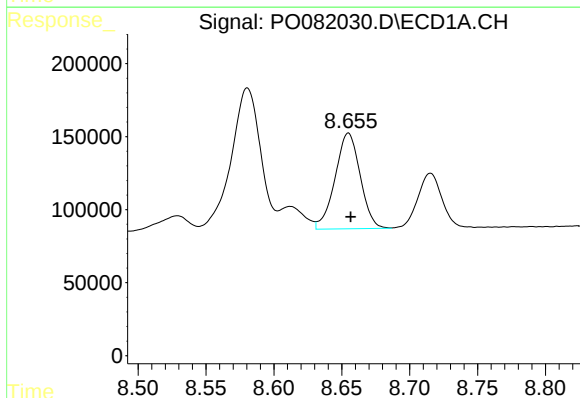
R.T.: 9.223 min
Delta R.T.: -0.002 min
Response: 1867765
Conc: 502.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



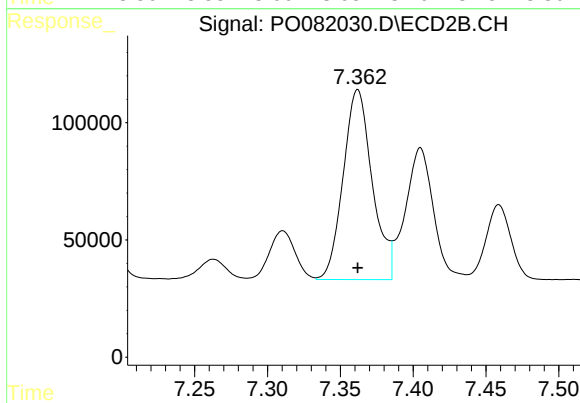
#35 AR-1260-5

R.T.: 7.916 min
Delta R.T.: -0.002 min
Response: 1663999
Conc: 559.61 ng/ml



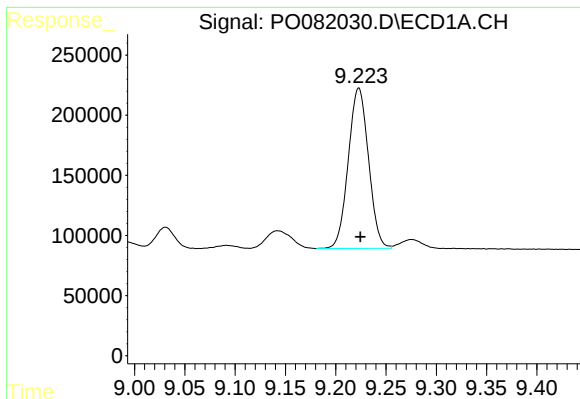
#36 AR-1262-1

R.T.: 8.655 min
Delta R.T.: -0.002 min
Response: 845145
Conc: 181.29 ng/ml



#36 AR-1262-1

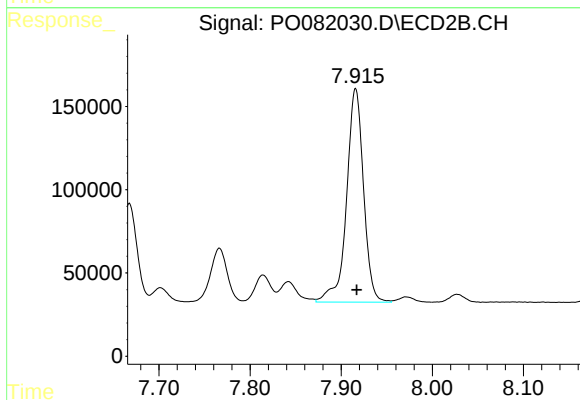
R.T.: 7.362 min
Delta R.T.: 0.000 min
Response: 1125315
Conc: 563.92 ng/ml



#37 AR-1262-2

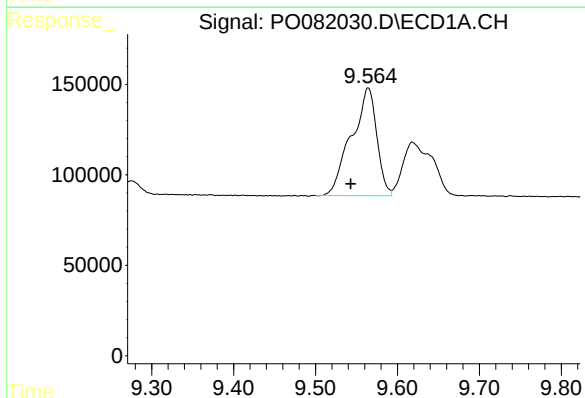
R.T.: 9.223 min
Delta R.T.: -0.002 min
Response: 1867765
Conc: 231.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



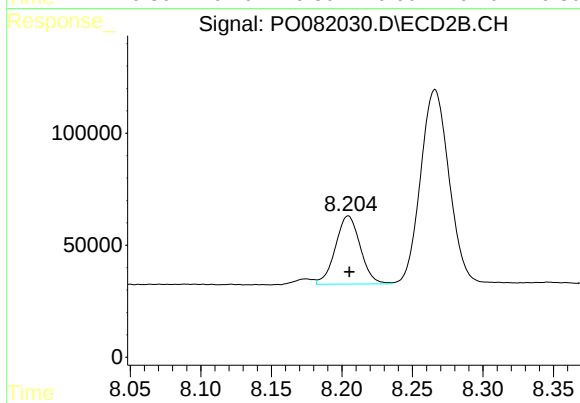
#37 AR-1262-2

R.T.: 7.916 min
Delta R.T.: -0.001 min
Response: 1663999
Conc: 247.66 ng/ml



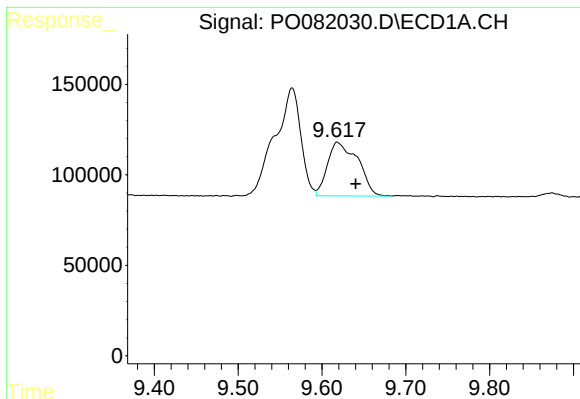
#38 AR-1262-3

R.T.: 9.564 min
Delta R.T.: 0.021 min
Response: 1278754
Conc: 325.02 ng/ml



#38 AR-1262-3

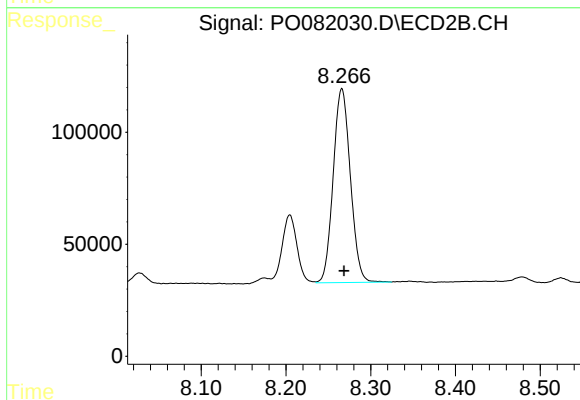
R.T.: 8.205 min
Delta R.T.: 0.000 min
Response: 373109
Conc: 138.78 ng/ml



#39 AR-1262-4

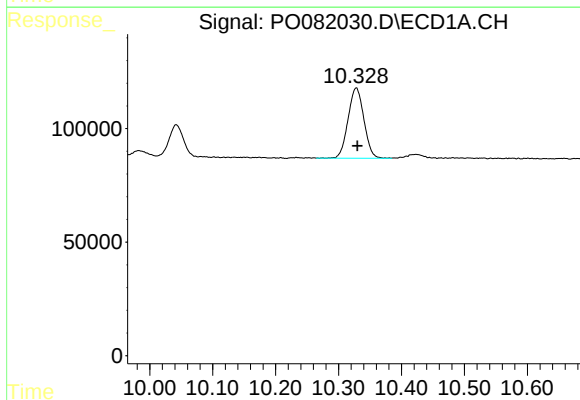
R.T.: 9.618 min
Delta R.T.: -0.022 min
Response: 746420
Conc: 328.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



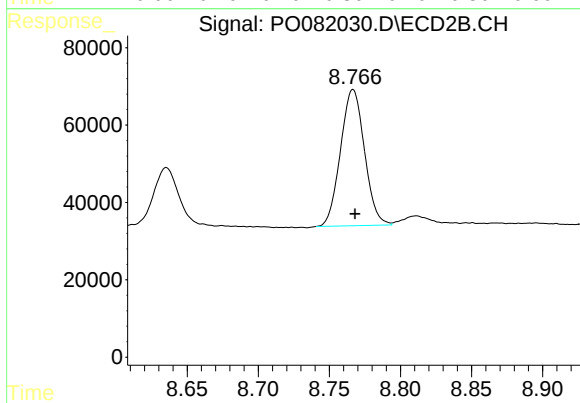
#39 AR-1262-4

R.T.: 8.266 min
Delta R.T.: -0.003 min
Response: 1218337
Conc: 246.00 ng/ml



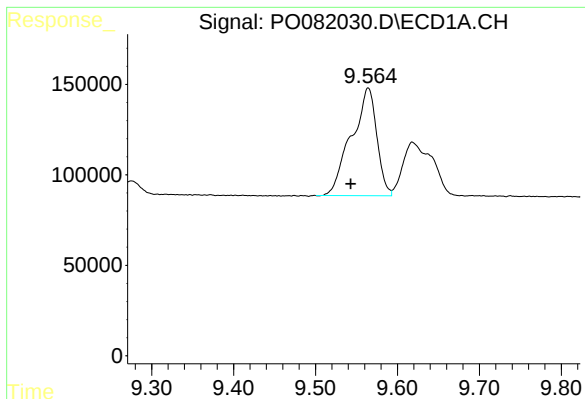
#40 AR-1262-5

R.T.: 10.328 min
Delta R.T.: -0.002 min
Response: 539379
Conc: 171.77 ng/ml



#40 AR-1262-5

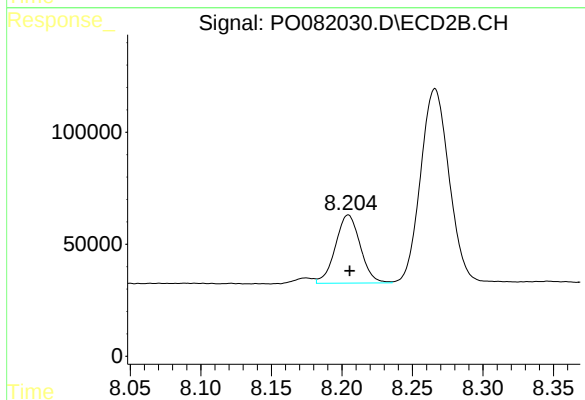
R.T.: 8.767 min
Delta R.T.: -0.001 min
Response: 413361
Conc: 178.36 ng/ml



#41 AR-1268-1

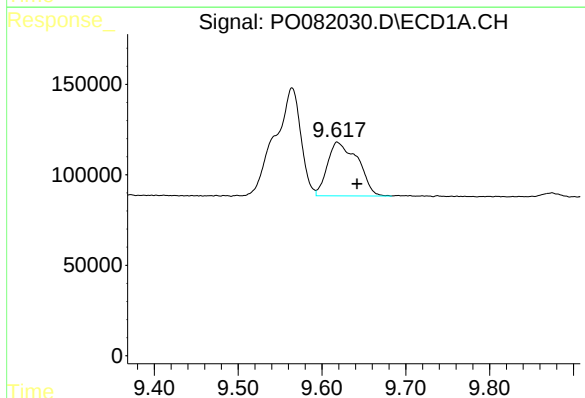
R.T.: 9.564 min
Delta R.T.: 0.021 min
Response: 1278754
Conc: 134.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



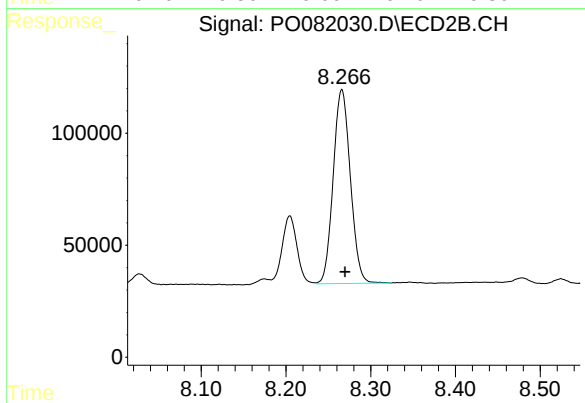
#41 AR-1268-1

R.T.: 8.205 min
Delta R.T.: -0.001 min
Response: 373109
Conc: 47.99 ng/ml



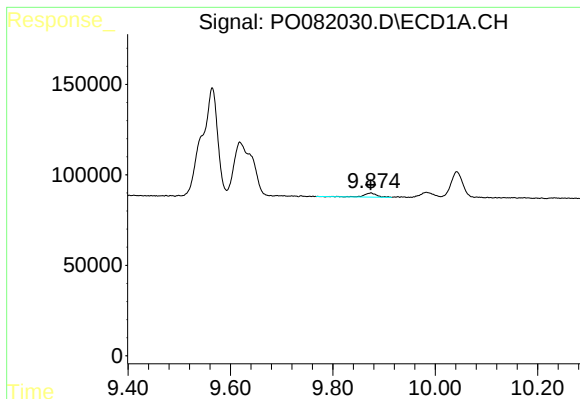
#42 AR-1268-2

R.T.: 9.618 min
Delta R.T.: -0.023 min
Response: 746420
Conc: 84.75 ng/ml



#42 AR-1268-2

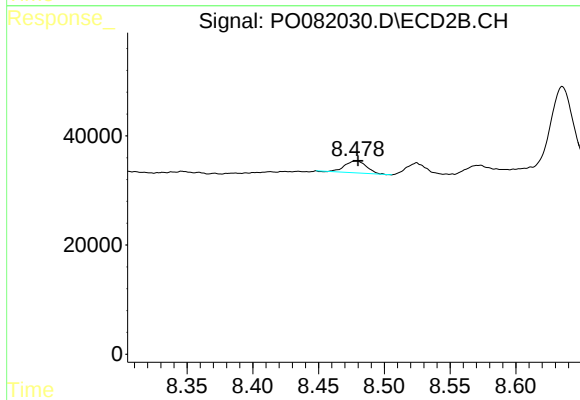
R.T.: 8.266 min
Delta R.T.: -0.004 min
Response: 1218337
Conc: 171.95 ng/ml



#43 AR-1268-3

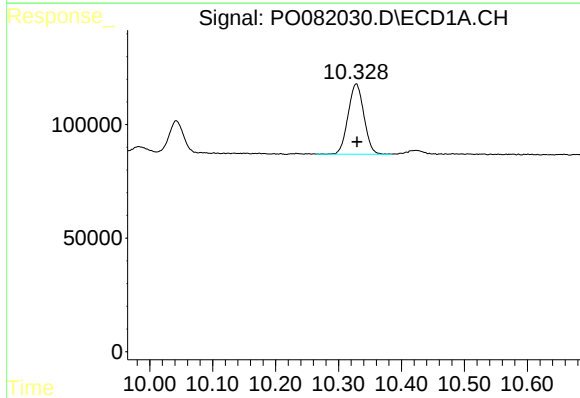
R.T.: 9.874 min
Delta R.T.: 0.000 min
Response: 39709
Conc: 5.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



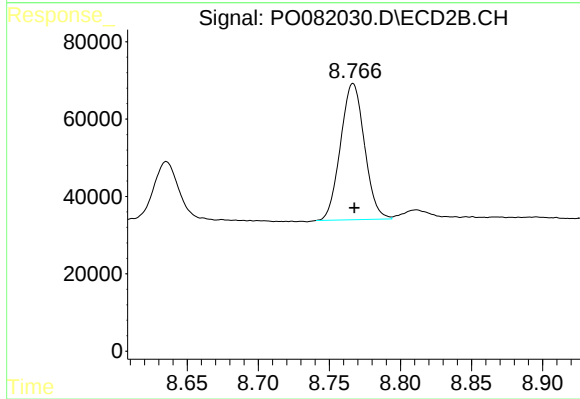
#43 AR-1268-3

R.T.: 8.479 min
Delta R.T.: -0.001 min
Response: 24688
Conc: 4.15 ng/ml



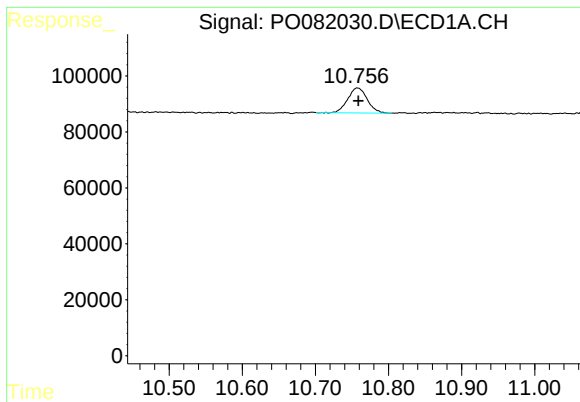
#44 AR-1268-4

R.T.: 10.328 min
Delta R.T.: -0.002 min
Response: 539379
Conc: 157.99 ng/ml



#44 AR-1268-4

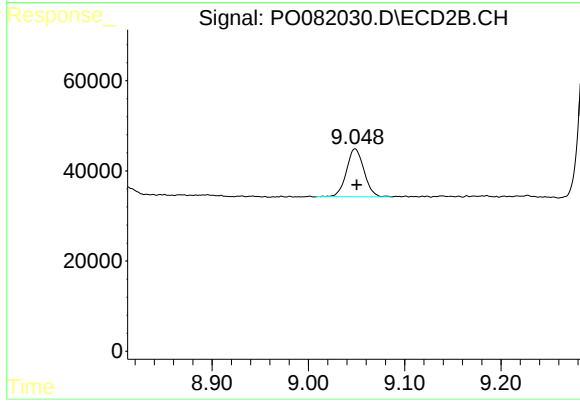
R.T.: 8.767 min
Delta R.T.: 0.000 min
Response: 413361
Conc: 163.12 ng/ml



#45 AR-1268-5

R.T.: 10.758 min
Delta R.T.: -0.001 min
Response: 165230
Conc: 6.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.049 min
Delta R.T.: -0.002 min
Response: 133608
Conc: 7.16 ng/ml