

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110421\
 Data File : PO082501.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Nov 2021 22:32
 Operator : AJ\MA
 Sample : M4448-01MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 11:32:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 03 05:20:12 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...	4.969	3.965	1746083	615224	19.949	19.880
2)	SA Decachlor...	11.075	9.279	1123204	532904	17.786	18.509
Target Compounds							
3)	L1 AR-1016-1	6.302	5.223	1344283	623621	463.450	464.819
4)	L1 AR-1016-2	6.326	5.244	1886709	851561	457.138	462.455
5)	L1 AR-1016-3	6.392	5.434	1152551	471919	450.070	473.387
6)	L1 AR-1016-4	6.500	5.488	931530	379446	451.267	465.188
7)	L1 AR-1016-5	6.818	5.716	912640	451842	447.547	443.233
8)	L2 AR-1221-1	5.221	4.222	180601	60321	191.505	157.932
9)	L2 AR-1221-2	5.323	4.323	175525	74212	270.794	255.632
10)	L2 AR-1221-3	5.411	4.411	767285	333988	371.943	360.942
11)	L3 AR-1232-1	5.411	4.411	767285	333988	442.931	423.074
12)	L3 AR-1232-2	6.004	5.244	1071752	851561	1212.009	1134.458
13)	L3 AR-1232-3	6.326	5.434	1886709	471919	1194.772	1190.055
14)	L3 AR-1232-4	6.500	5.532	931530	450315	1213.040	1303.977
15)	L3 AR-1232-5	6.600	5.716	751314	451842	1359.167	1205.215
16)	L4 AR-1242-1	6.302	5.223	1344283	623621	646.749	639.028
17)	L4 AR-1242-2	6.326	5.244	1886709	851561	646.786	632.600
18)	L4 AR-1242-3	6.392	5.434	1152551	471919	624.817	647.409
19)	L4 AR-1242-4	6.500	5.532	931530	450315	623.292	630.771
20)	L4 AR-1242-5	7.289	6.097	124236	421029	83.047	456.056 #
21)	L5 AR-1248-1	6.302	5.223	1344283	623621	880.769	845.622
22)	L5 AR-1248-2	6.600	5.488	751314	379446	357.209	372.626
23)	L5 AR-1248-3	6.818	5.532	912640	450315	376.137	432.760
24)	L5 AR-1248-4	7.250	5.716	219223	451842	85.351	368.596 #
25)	L5 AR-1248-5	7.289	6.140	124236	81905	49.256	66.284 #
26)	L6 AR-1254-1	7.219	6.097	736225	421029	270.231	216.761
27)	L6 AR-1254-2	7.450	6.257	766599	421742	184.031	246.437 #
28)	L6 AR-1254-3	7.834	6.698f	425322	680911	99.444	264.852 #
29)	L6 AR-1254-4	8.130	6.919	228911	85558	74.645	47.068 #
30)	L6 AR-1254-5	8.563	7.349	2197645	1418581	683.367	610.321
31)	L7 AR-1260-1	8.002	6.816	1965454	925965	618.946	510.446
32)	L7 AR-1260-2	8.270	7.015	1943080	1209806	516.921	505.529
33)	L7 AR-1260-3	8.638	7.169	1149890	997575	406.023	469.094
34)	L7 AR-1260-4	8.869	7.654	1447037	718929	434.100	431.026
35)	L7 AR-1260-5	9.203	7.903	2607480	1766677	415.546	424.279
36)	L8 AR-1262-1	8.638	7.349	1149890	1418581	309.906	1186.967 #
37)	L8 AR-1262-2	9.203	7.903	2607480	1766677	408.248	432.898
38)	L8 AR-1262-3	9.543f	8.190	1726918	359912	602.222	220.707 #
39)	L8 AR-1262-4	9.596f	8.253	951387	1187566	563.733	407.819 #
40)	L8 AR-1262-5	10.302	8.753	641961	369061	264.322	269.371
41)	L9 AR-1268-1	9.543f	8.190	1726918	359912	211.553	68.817 #

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 Misc :
 ALS Vial : 34 Sample Multiplier: 1

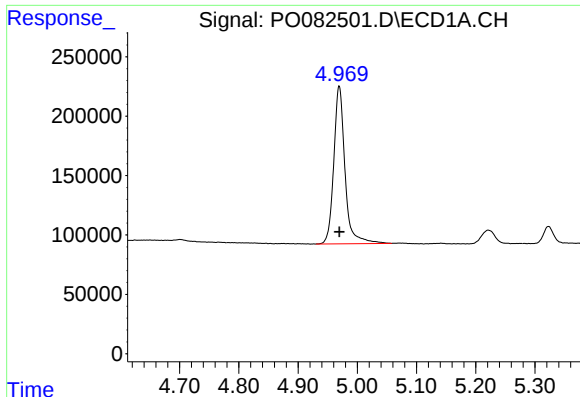
Instrument :
 ECD_O
 ClientSampleId :

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	9.596f	8.253	951387	1187566	125.830	261.711 #
43) L9	AR-1268-3	9.849	8.463	81682	49460	12.449	12.725
44) L9	AR-1268-4	10.302	8.753	641961	369061	228.231	232.289
45) L9	AR-1268-5	10.729	9.034	290506	147672	13.131	13.505

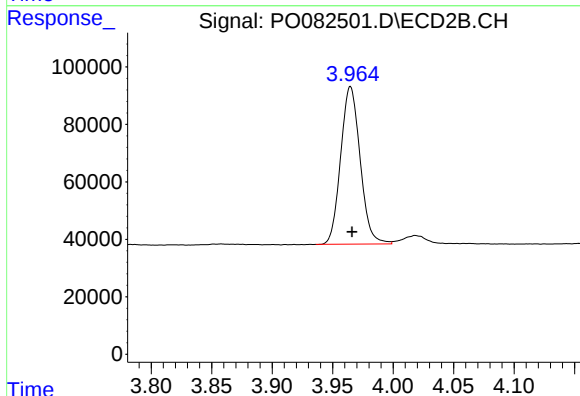
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

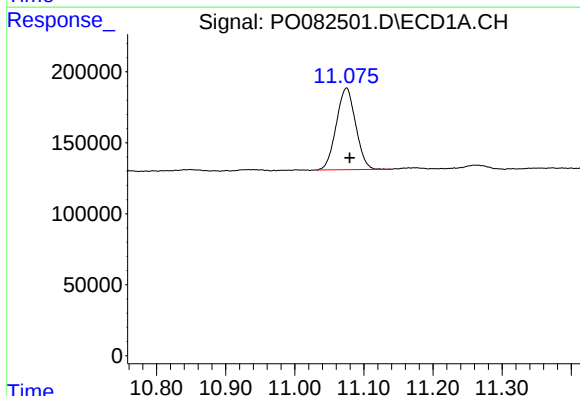
R.T.: 4.969 min
Delta R.T.: 0.000 min
Response: 1746083
Conc: 19.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



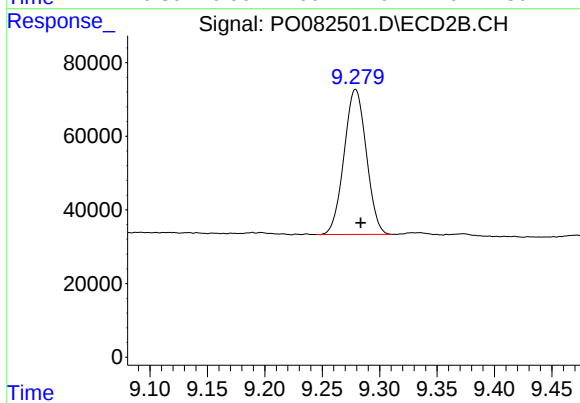
#1 Tetrachloro-m-xylene

R.T.: 3.965 min
Delta R.T.: -0.001 min
Response: 615224
Conc: 19.88 ng/ml



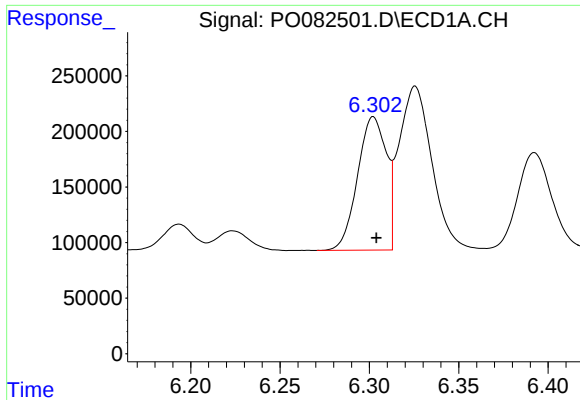
#2 Decachlorobiphenyl

R.T.: 11.075 min
Delta R.T.: -0.005 min
Response: 1123204
Conc: 17.79 ng/ml



#2 Decachlorobiphenyl

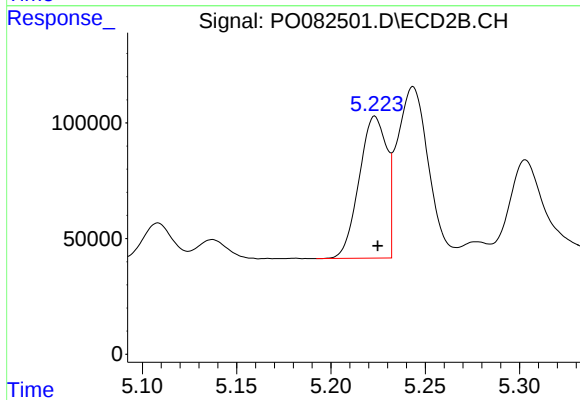
R.T.: 9.279 min
Delta R.T.: -0.004 min
Response: 532904
Conc: 18.51 ng/ml



#3 AR-1016-1

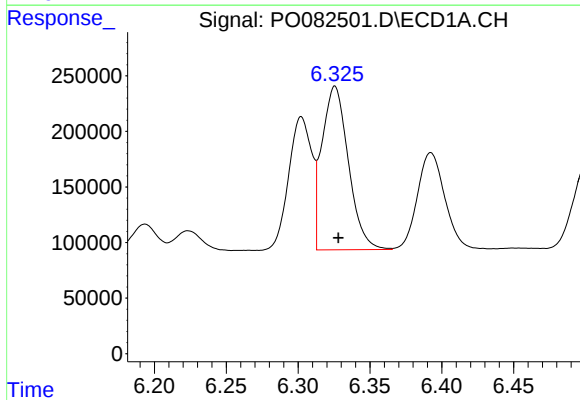
R.T.: 6.302 min
Delta R.T.: -0.002 min
Response: 1344283
Conc: 463.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



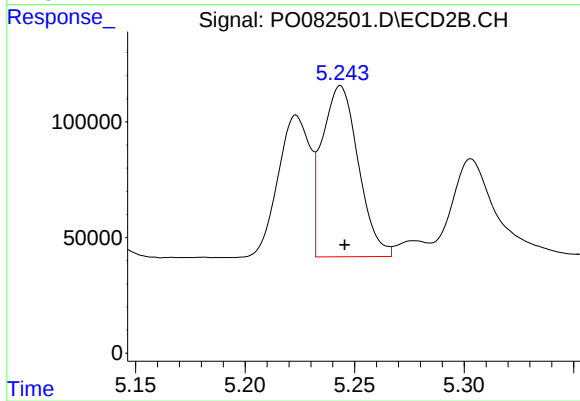
#3 AR-1016-1

R.T.: 5.223 min
Delta R.T.: -0.001 min
Response: 623621
Conc: 464.82 ng/ml



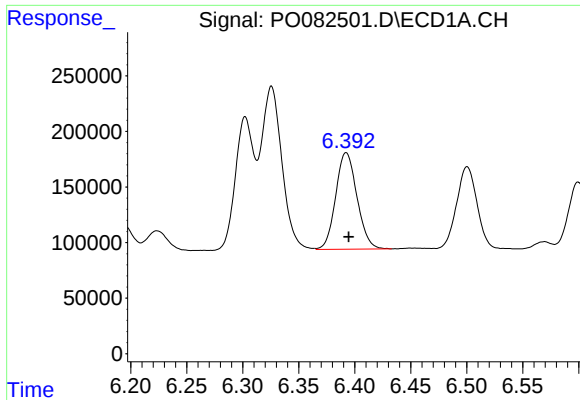
#4 AR-1016-2

R.T.: 6.326 min
Delta R.T.: -0.002 min
Response: 1886709
Conc: 457.14 ng/ml



#4 AR-1016-2

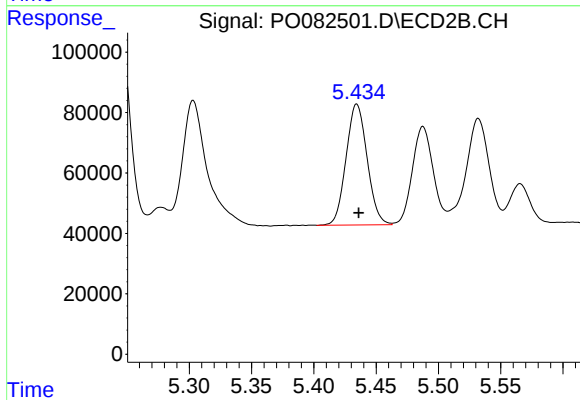
R.T.: 5.244 min
Delta R.T.: -0.002 min
Response: 851561
Conc: 462.46 ng/ml



#5 AR-1016-3

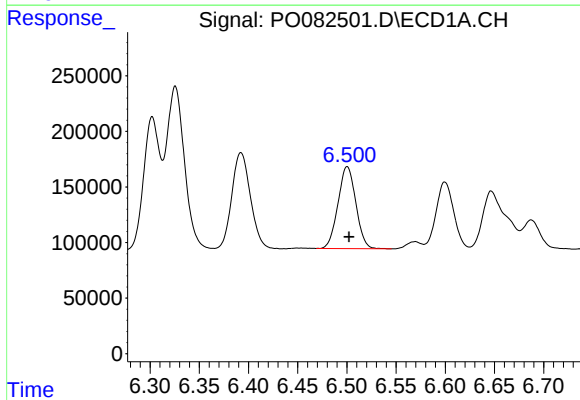
R.T.: 6.392 min
Delta R.T.: -0.002 min
Response: 1152551
Conc: 450.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



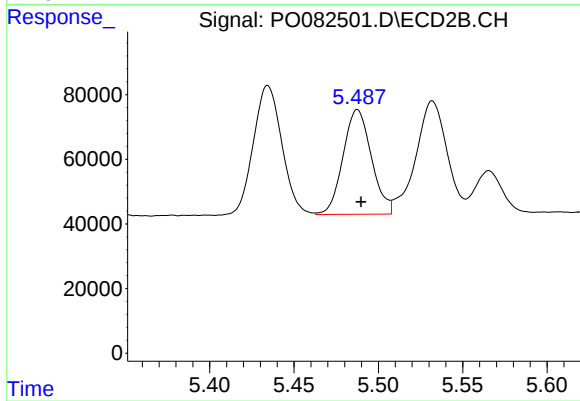
#5 AR-1016-3

R.T.: 5.434 min
Delta R.T.: -0.002 min
Response: 471919
Conc: 473.39 ng/ml



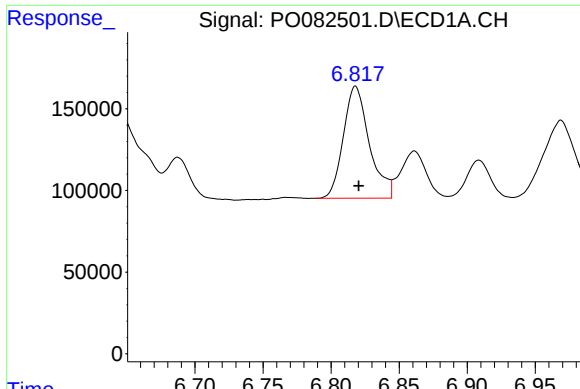
#6 AR-1016-4

R.T.: 6.500 min
Delta R.T.: -0.002 min
Response: 931530
Conc: 451.27 ng/ml



#6 AR-1016-4

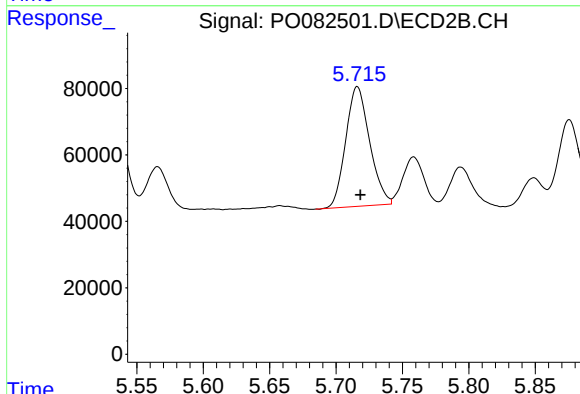
R.T.: 5.488 min
Delta R.T.: -0.002 min
Response: 379446
Conc: 465.19 ng/ml



#7 AR-1016-5

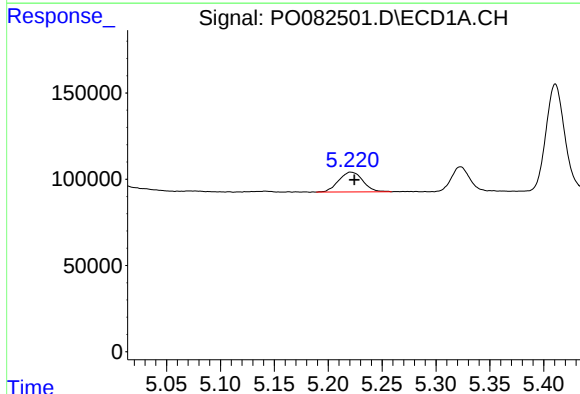
R.T.: 6.818 min
Delta R.T.: -0.002 min
Response: 912640
Conc: 447.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



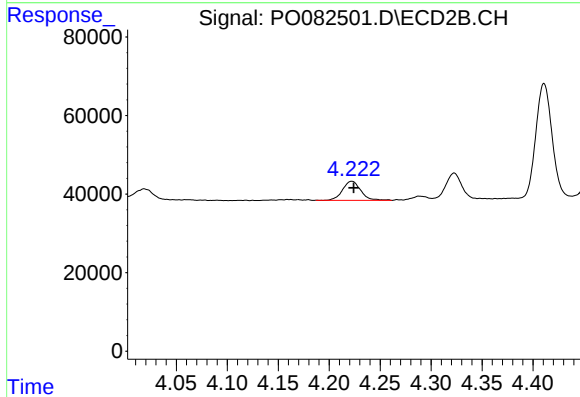
#7 AR-1016-5

R.T.: 5.716 min
Delta R.T.: -0.002 min
Response: 451842
Conc: 443.23 ng/ml



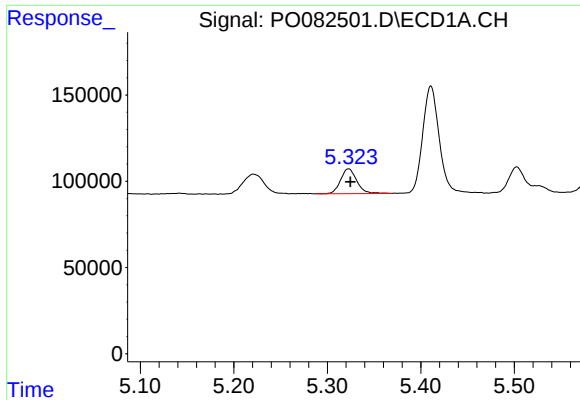
#8 AR-1221-1

R.T.: 5.221 min
Delta R.T.: -0.004 min
Response: 180601
Conc: 191.50 ng/ml



#8 AR-1221-1

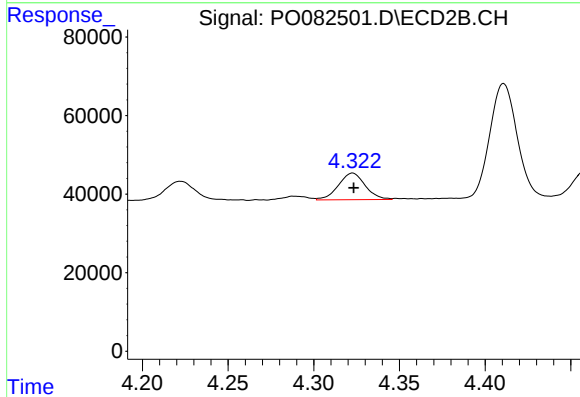
R.T.: 4.222 min
Delta R.T.: -0.002 min
Response: 60321
Conc: 157.93 ng/ml



#9 AR-1221-2

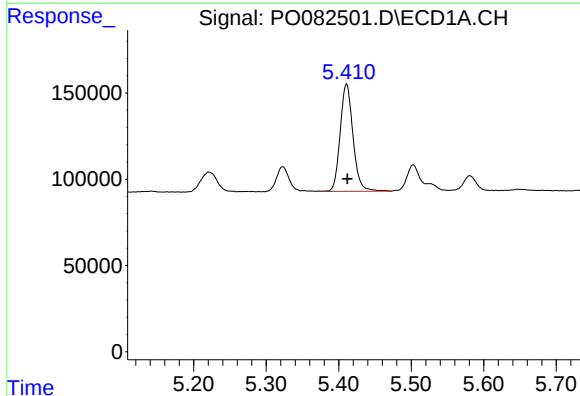
R.T.: 5.323 min
Delta R.T.: -0.002 min
Response: 175525
Conc: 270.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



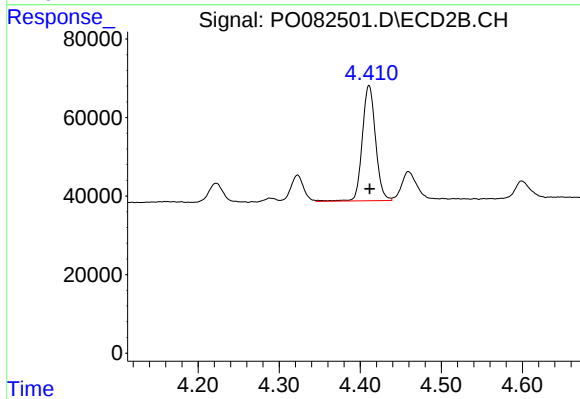
#9 AR-1221-2

R.T.: 4.323 min
Delta R.T.: 0.000 min
Response: 74212
Conc: 255.63 ng/ml



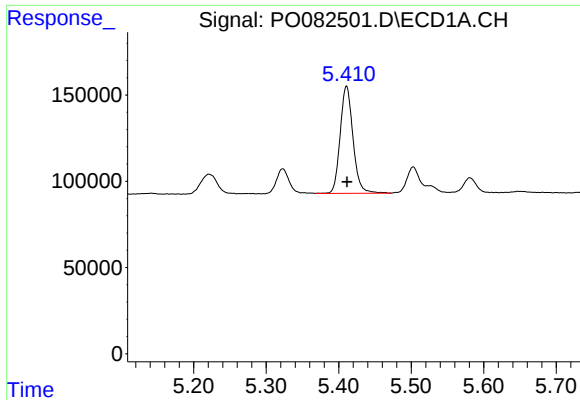
#10 AR-1221-3

R.T.: 5.411 min
Delta R.T.: 0.000 min
Response: 767285
Conc: 371.94 ng/ml



#10 AR-1221-3

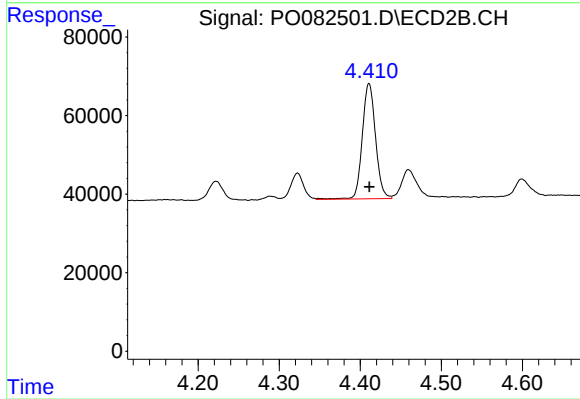
R.T.: 4.411 min
Delta R.T.: 0.000 min
Response: 333988
Conc: 360.94 ng/ml



#11 AR-1232-1

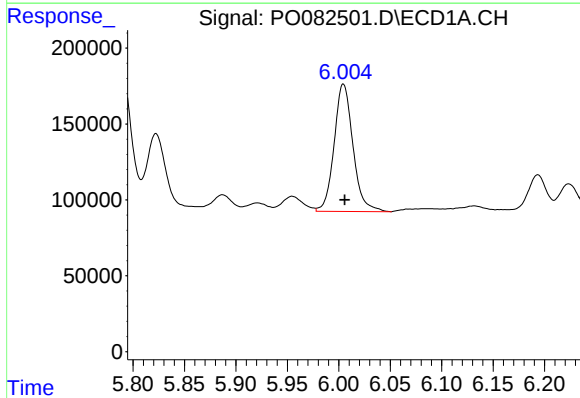
R.T.: 5.411 min
Delta R.T.: 0.000 min
Response: 767285
Conc: 442.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



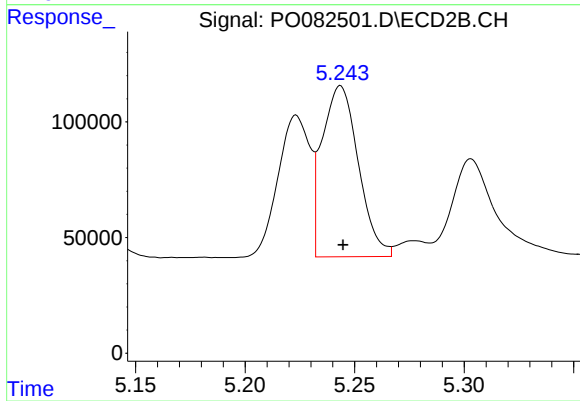
#11 AR-1232-1

R.T.: 4.411 min
Delta R.T.: 0.000 min
Response: 333988
Conc: 423.07 ng/ml



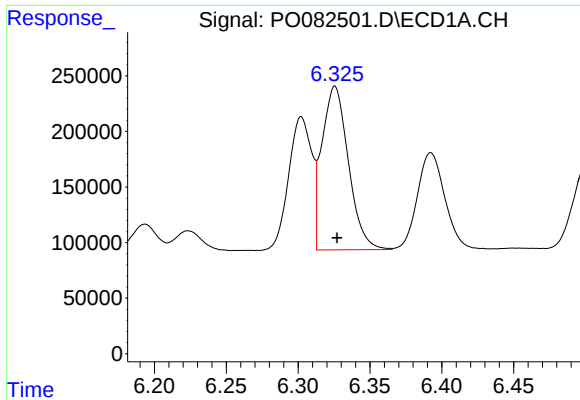
#12 AR-1232-2

R.T.: 6.004 min
Delta R.T.: -0.001 min
Response: 1071752
Conc: 1212.01 ng/ml



#12 AR-1232-2

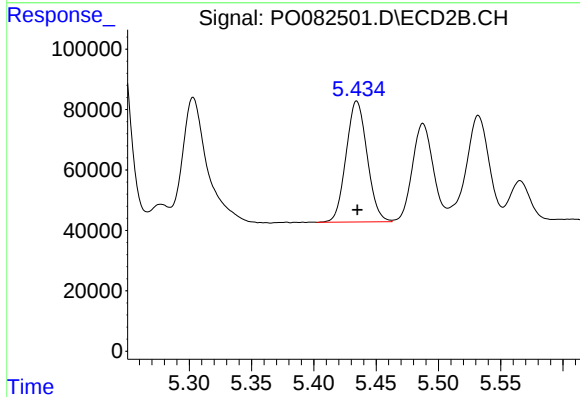
R.T.: 5.244 min
Delta R.T.: -0.001 min
Response: 851561
Conc: 1134.46 ng/ml



#13 AR-1232-3

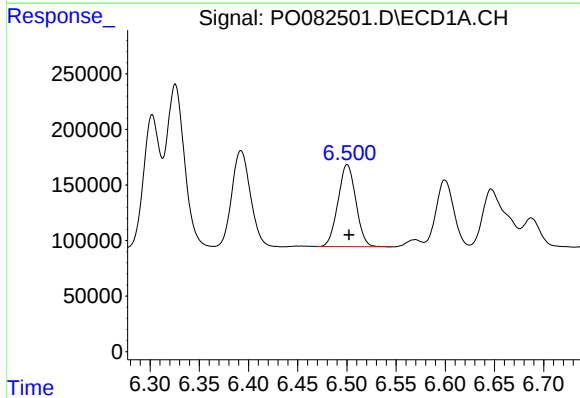
R.T.: 6.326 min
Delta R.T.: -0.002 min
Response: 1886709
Conc: 1194.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



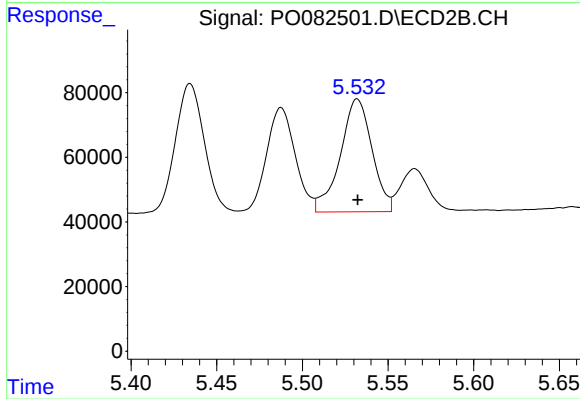
#13 AR-1232-3

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 471919
Conc: 1190.05 ng/ml



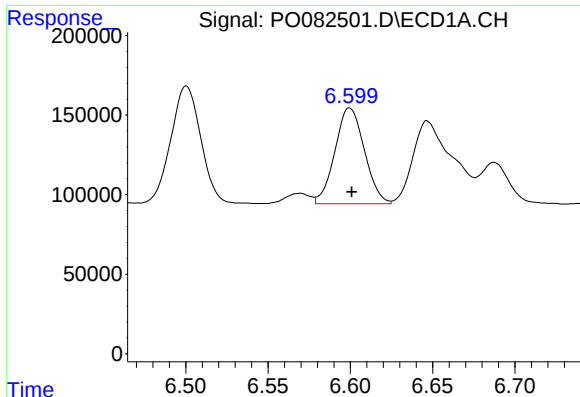
#14 AR-1232-4

R.T.: 6.500 min
Delta R.T.: -0.002 min
Response: 931530
Conc: 1213.04 ng/ml



#14 AR-1232-4

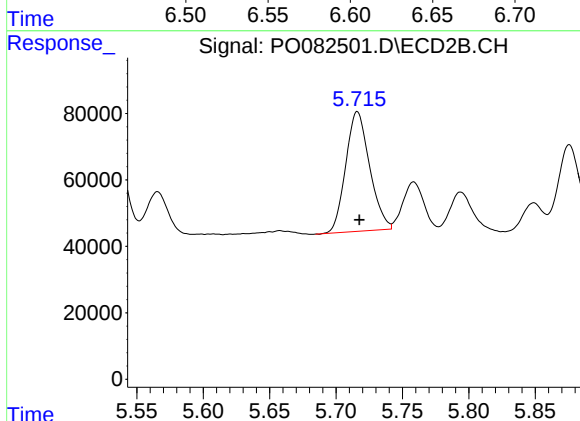
R.T.: 5.532 min
Delta R.T.: 0.000 min
Response: 450315
Conc: 1303.98 ng/ml



#15 AR-1232-5

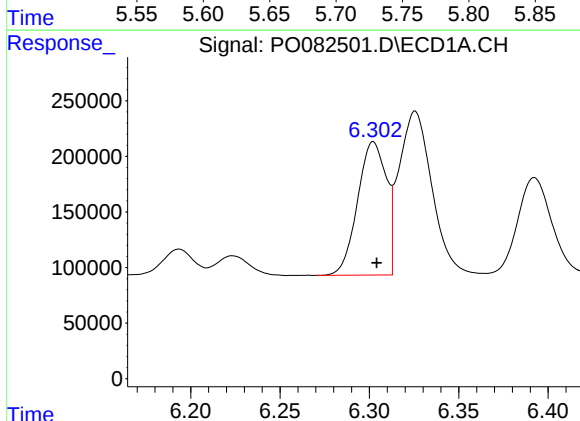
R.T.: 6.600 min
Delta R.T.: -0.001 min
Response: 751314
Conc: 1359.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



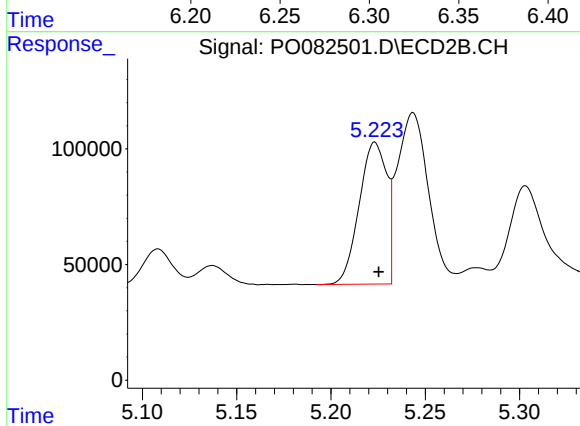
#15 AR-1232-5

R.T.: 5.716 min
Delta R.T.: -0.002 min
Response: 451842
Conc: 1205.21 ng/ml



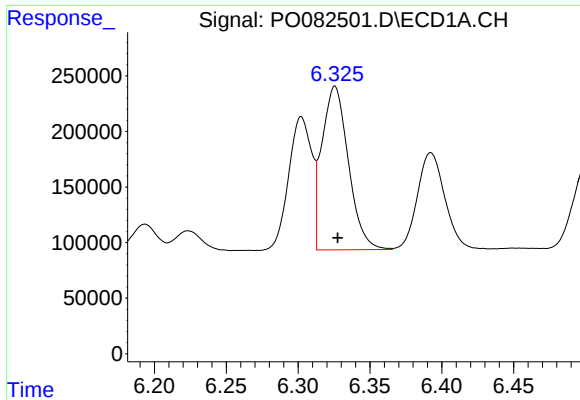
#16 AR-1242-1

R.T.: 6.302 min
Delta R.T.: -0.002 min
Response: 1344283
Conc: 646.75 ng/ml



#16 AR-1242-1

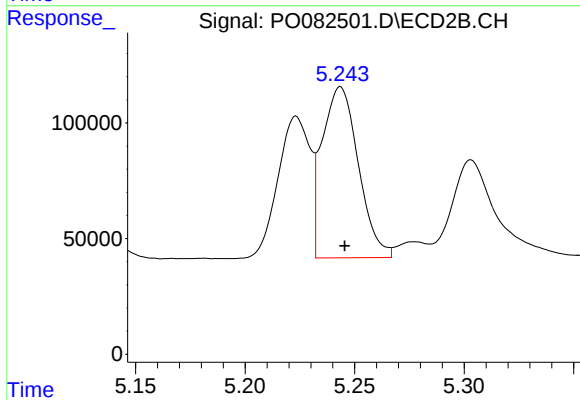
R.T.: 5.223 min
Delta R.T.: -0.002 min
Response: 623621
Conc: 639.03 ng/ml



#17 AR-1242-2

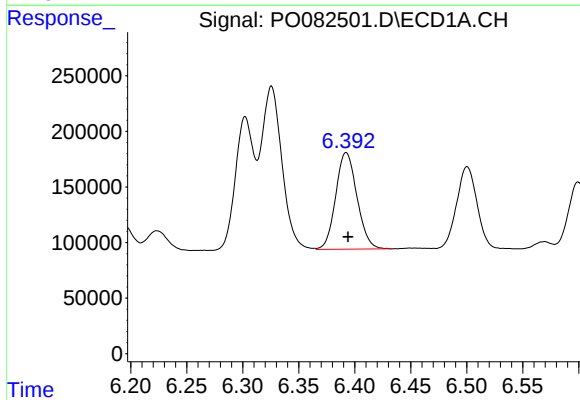
R.T.: 6.326 min
Delta R.T.: -0.002 min
Response: 1886709
Conc: 646.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



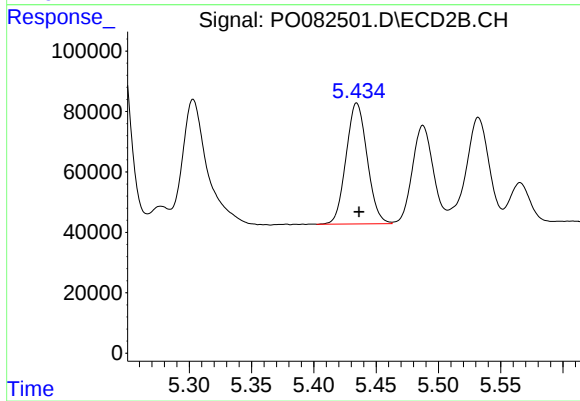
#17 AR-1242-2

R.T.: 5.244 min
Delta R.T.: -0.002 min
Response: 851561
Conc: 632.60 ng/ml



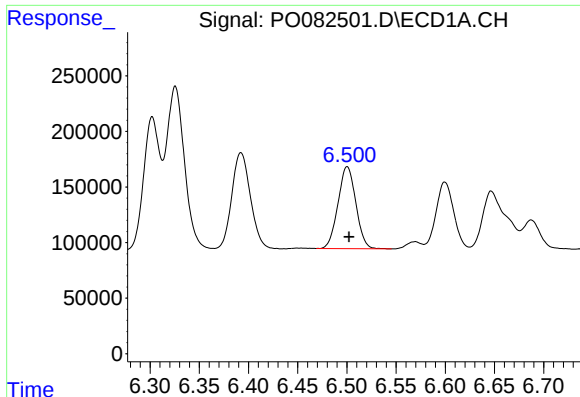
#18 AR-1242-3

R.T.: 6.392 min
Delta R.T.: -0.002 min
Response: 1152551
Conc: 624.82 ng/ml



#18 AR-1242-3

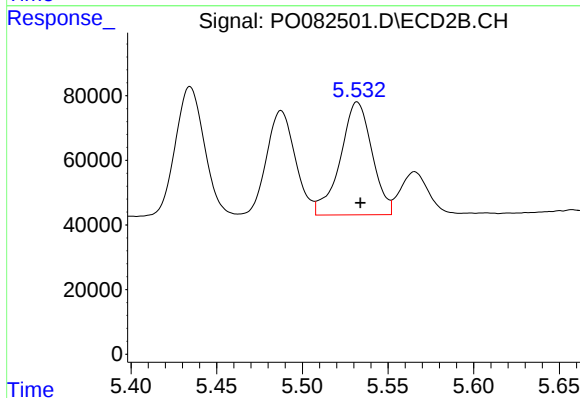
R.T.: 5.434 min
Delta R.T.: -0.002 min
Response: 471919
Conc: 647.41 ng/ml



#19 AR-1242-4

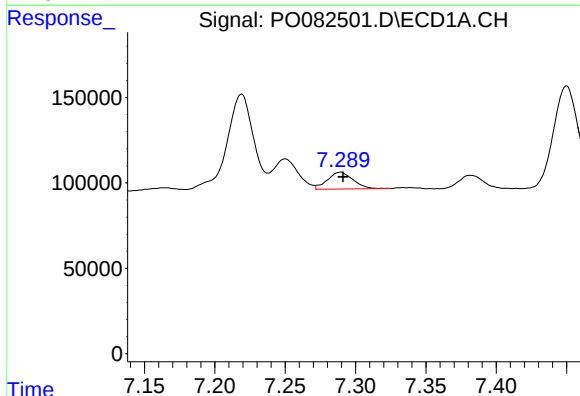
R.T.: 6.500 min
Delta R.T.: -0.002 min
Response: 931530
Conc: 623.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



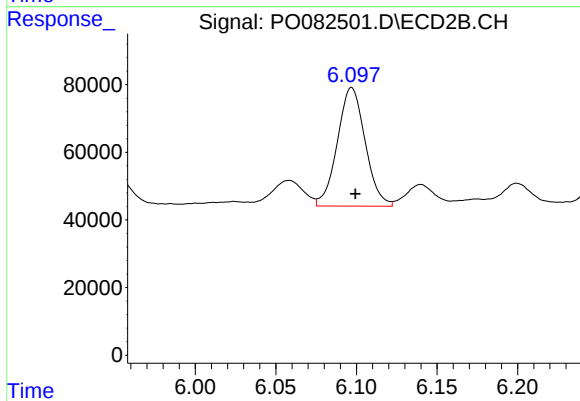
#19 AR-1242-4

R.T.: 5.532 min
Delta R.T.: -0.002 min
Response: 450315
Conc: 630.77 ng/ml



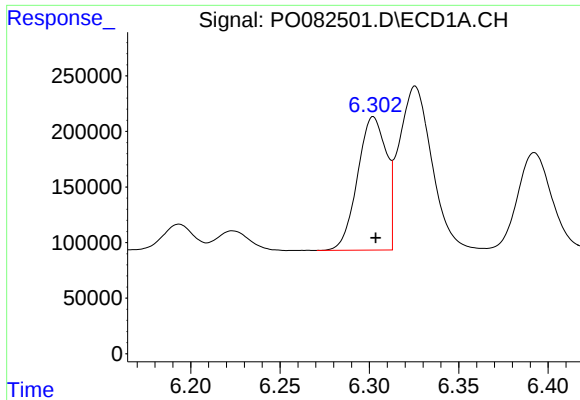
#20 AR-1242-5

R.T.: 7.289 min
Delta R.T.: -0.002 min
Response: 124236
Conc: 83.05 ng/ml



#20 AR-1242-5

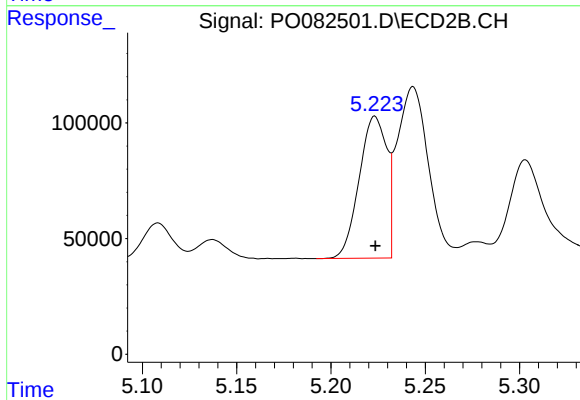
R.T.: 6.097 min
Delta R.T.: -0.002 min
Response: 421029
Conc: 456.06 ng/ml



#21 AR-1248-1

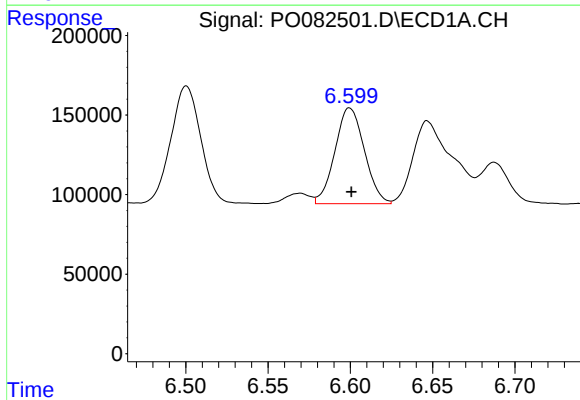
R.T.: 6.302 min
Delta R.T.: -0.001 min
Response: 1344283
Conc: 880.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



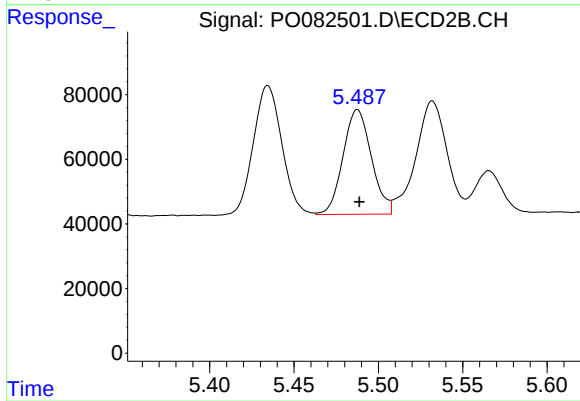
#21 AR-1248-1

R.T.: 5.223 min
Delta R.T.: 0.000 min
Response: 623621
Conc: 845.62 ng/ml



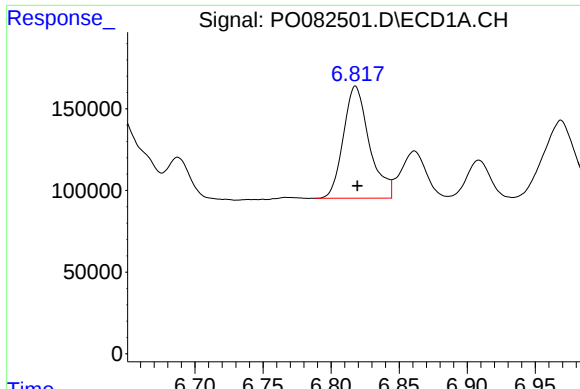
#22 AR-1248-2

R.T.: 6.600 min
Delta R.T.: -0.001 min
Response: 751314
Conc: 357.21 ng/ml



#22 AR-1248-2

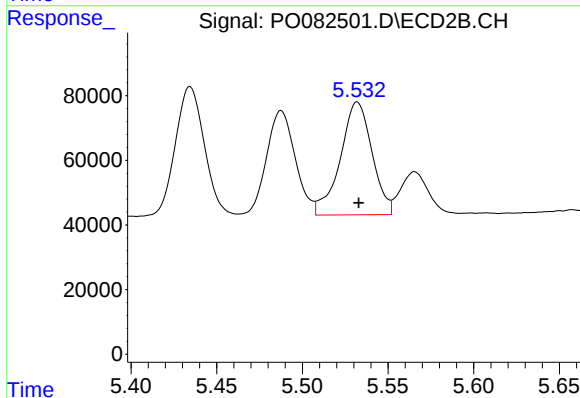
R.T.: 5.488 min
Delta R.T.: -0.001 min
Response: 379446
Conc: 372.63 ng/ml



#23 AR-1248-3

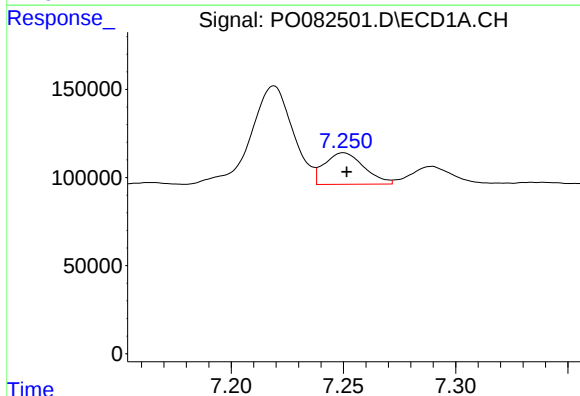
R.T.: 6.818 min
Delta R.T.: -0.001 min
Response: 912640
Conc: 376.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



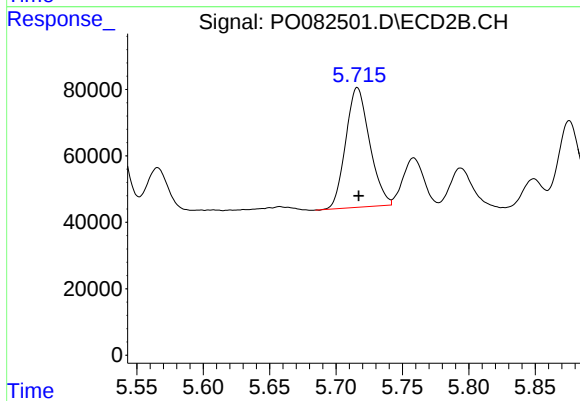
#23 AR-1248-3

R.T.: 5.532 min
Delta R.T.: 0.000 min
Response: 450315
Conc: 432.76 ng/ml



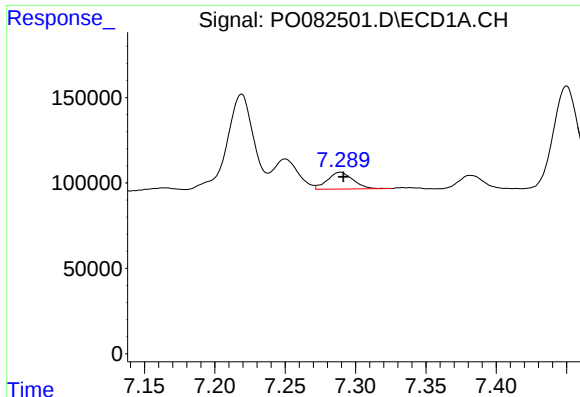
#24 AR-1248-4

R.T.: 7.250 min
Delta R.T.: -0.001 min
Response: 219223
Conc: 85.35 ng/ml



#24 AR-1248-4

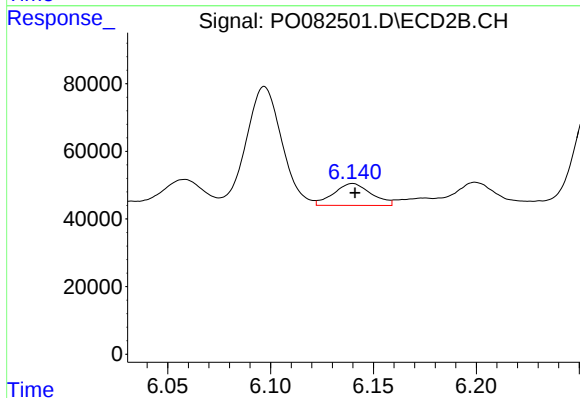
R.T.: 5.716 min
Delta R.T.: -0.001 min
Response: 451842
Conc: 368.60 ng/ml



#25 AR-1248-5

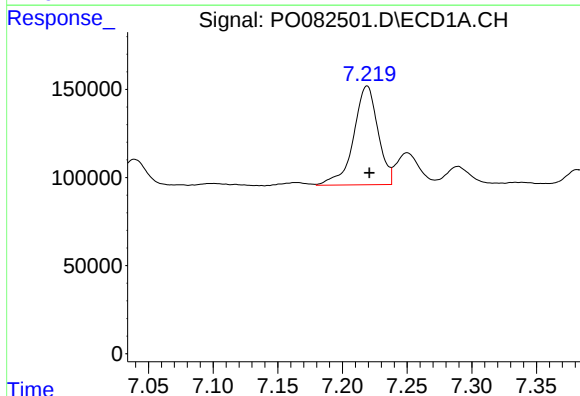
R.T.: 7.289 min
Delta R.T.: -0.002 min
Response: 124236
Conc: 49.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



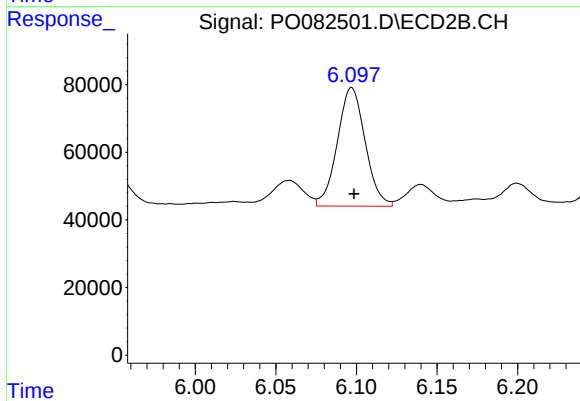
#25 AR-1248-5

R.T.: 6.140 min
Delta R.T.: -0.001 min
Response: 81905
Conc: 66.28 ng/ml



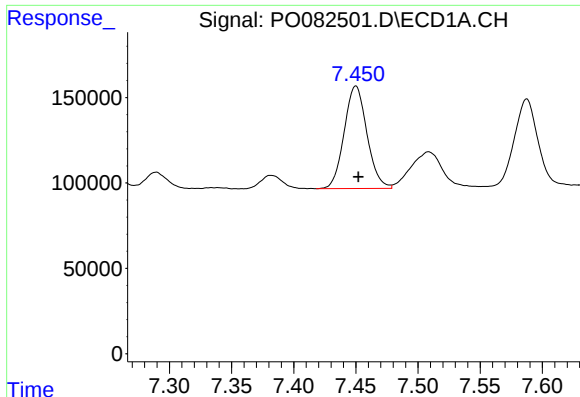
#26 AR-1254-1

R.T.: 7.219 min
Delta R.T.: -0.002 min
Response: 736225
Conc: 270.23 ng/ml



#26 AR-1254-1

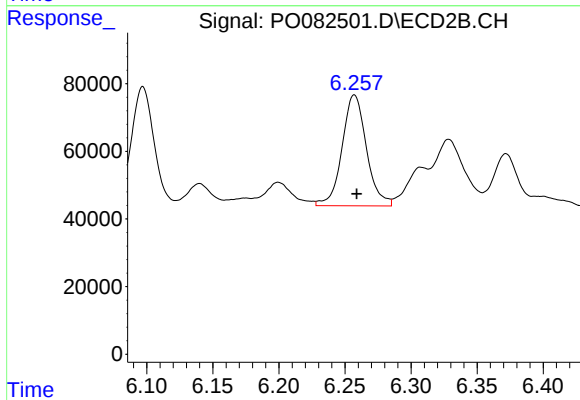
R.T.: 6.097 min
Delta R.T.: -0.001 min
Response: 421029
Conc: 216.76 ng/ml



#27 AR-1254-2

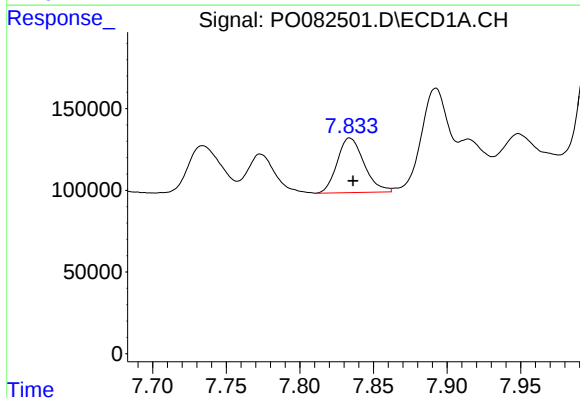
R.T.: 7.450 min
Delta R.T.: -0.002 min
Response: 766599
Conc: 184.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



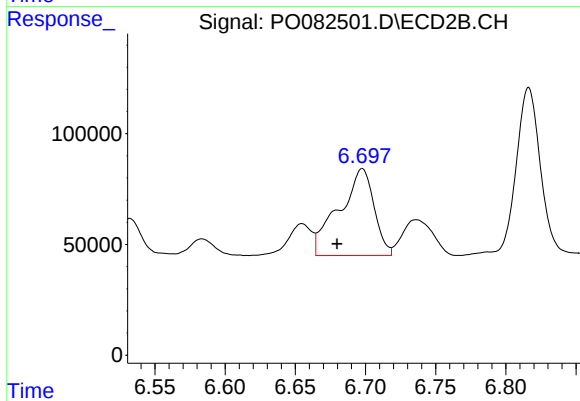
#27 AR-1254-2

R.T.: 6.257 min
Delta R.T.: -0.002 min
Response: 421742
Conc: 246.44 ng/ml



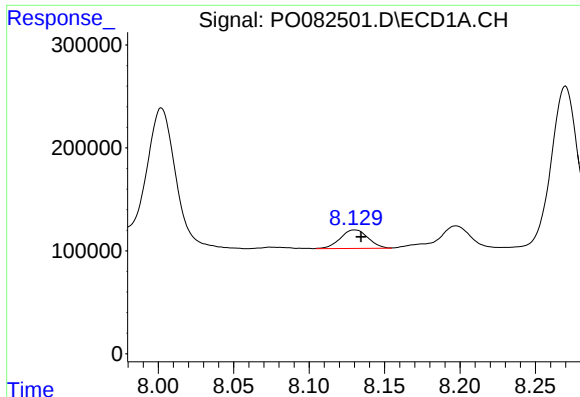
#28 AR-1254-3

R.T.: 7.834 min
Delta R.T.: -0.002 min
Response: 425322
Conc: 99.44 ng/ml



#28 AR-1254-3

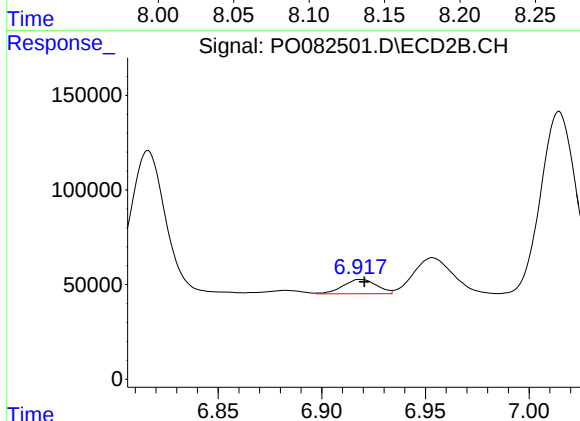
R.T.: 6.698 min
Delta R.T.: 0.018 min
Response: 680911
Conc: 264.85 ng/ml



#29 AR-1254-4

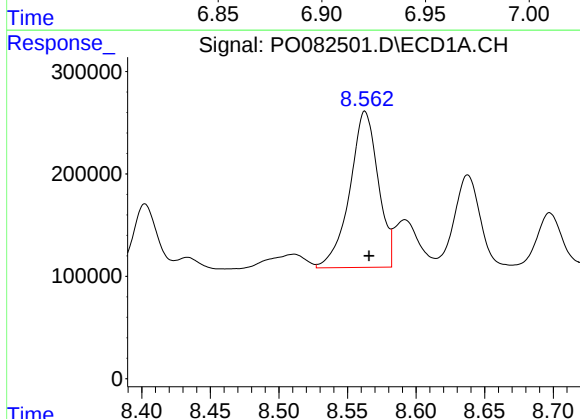
R.T.: 8.130 min
Delta R.T.: -0.004 min
Response: 228911
Conc: 74.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



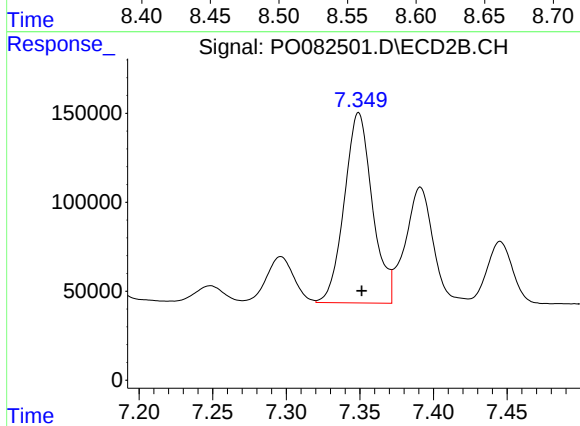
#29 AR-1254-4

R.T.: 6.919 min
Delta R.T.: -0.002 min
Response: 85558
Conc: 47.07 ng/ml



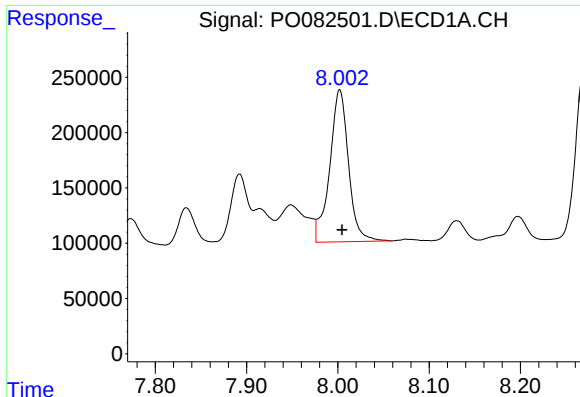
#30 AR-1254-5

R.T.: 8.563 min
Delta R.T.: -0.003 min
Response: 2197645
Conc: 683.37 ng/ml



#30 AR-1254-5

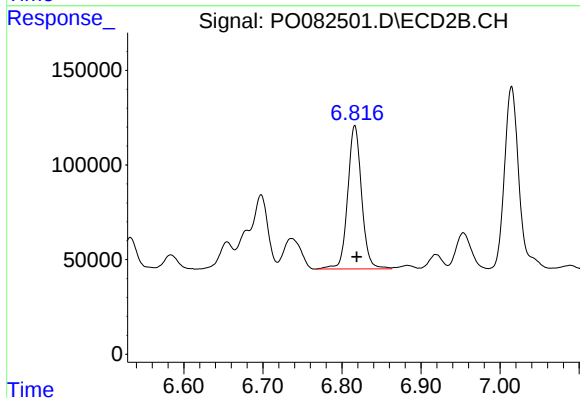
R.T.: 7.349 min
Delta R.T.: -0.002 min
Response: 1418581
Conc: 610.32 ng/ml



#31 AR-1260-1

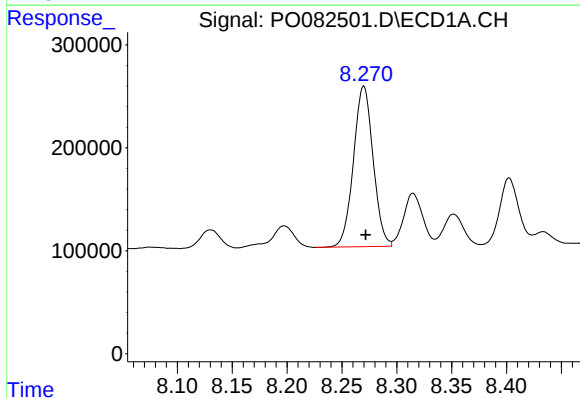
R.T.: 8.002 min
Delta R.T.: -0.002 min
Response: 1965454
Conc: 618.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



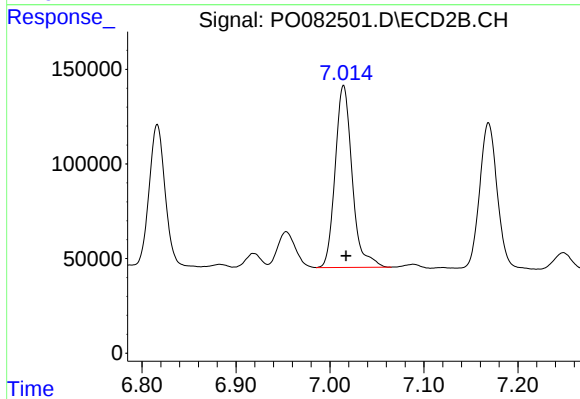
#31 AR-1260-1

R.T.: 6.816 min
Delta R.T.: -0.002 min
Response: 925965
Conc: 510.45 ng/ml



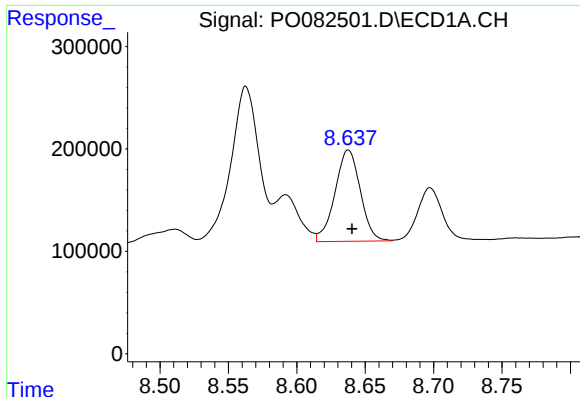
#32 AR-1260-2

R.T.: 8.270 min
Delta R.T.: -0.002 min
Response: 1943080
Conc: 516.92 ng/ml



#32 AR-1260-2

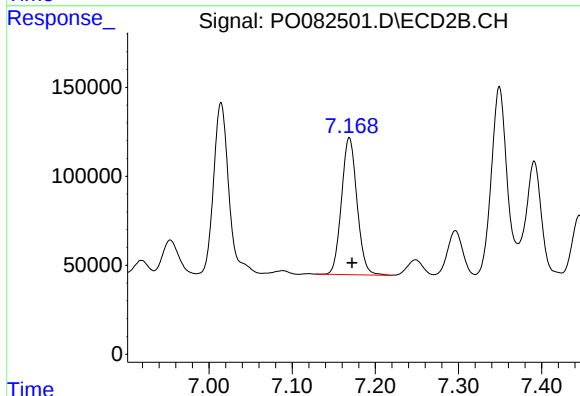
R.T.: 7.015 min
Delta R.T.: -0.003 min
Response: 1209806
Conc: 505.53 ng/ml



#33 AR-1260-3

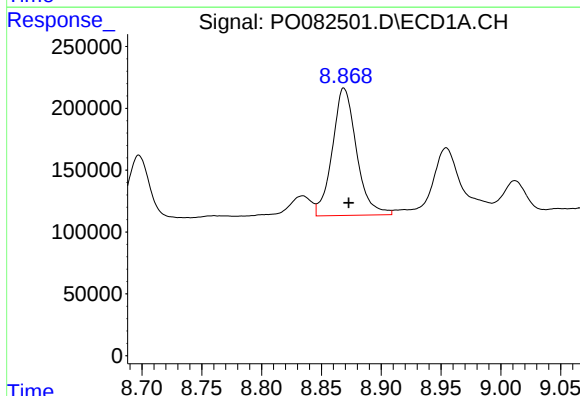
R.T.: 8.638 min
Delta R.T.: -0.003 min
Response: 1149890
Conc: 406.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



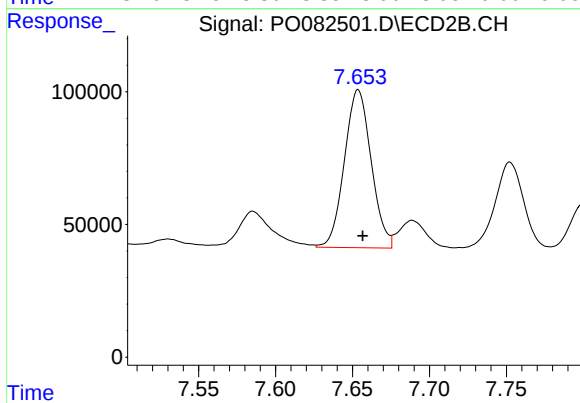
#33 AR-1260-3

R.T.: 7.169 min
Delta R.T.: -0.003 min
Response: 997575
Conc: 469.09 ng/ml



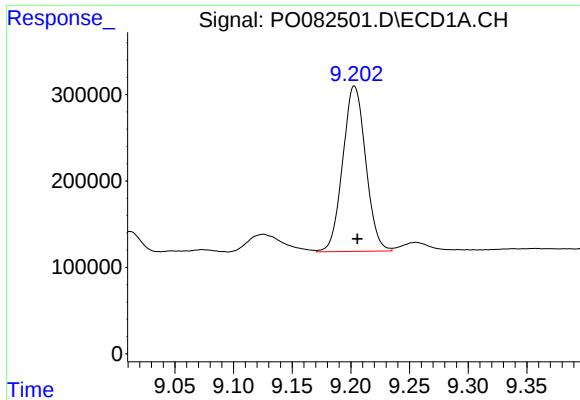
#34 AR-1260-4

R.T.: 8.869 min
Delta R.T.: -0.004 min
Response: 1447037
Conc: 434.10 ng/ml



#34 AR-1260-4

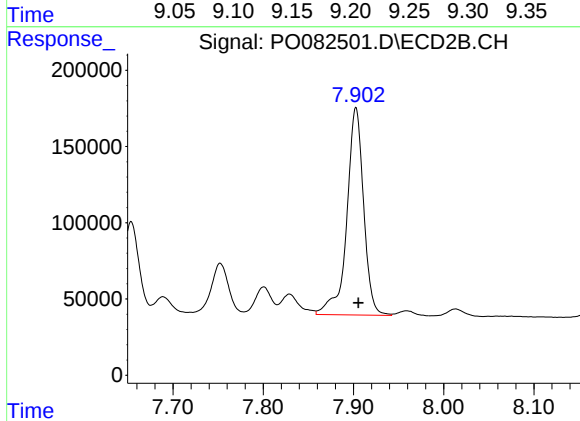
R.T.: 7.654 min
Delta R.T.: -0.003 min
Response: 718929
Conc: 431.03 ng/ml



#35 AR-1260-5

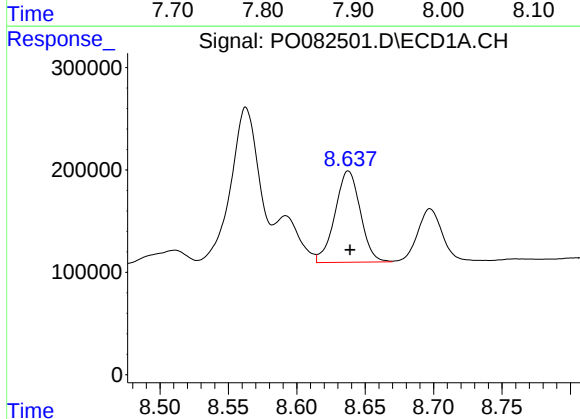
R.T.: 9.203 min
Delta R.T.: -0.002 min
Response: 2607480
Conc: 415.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



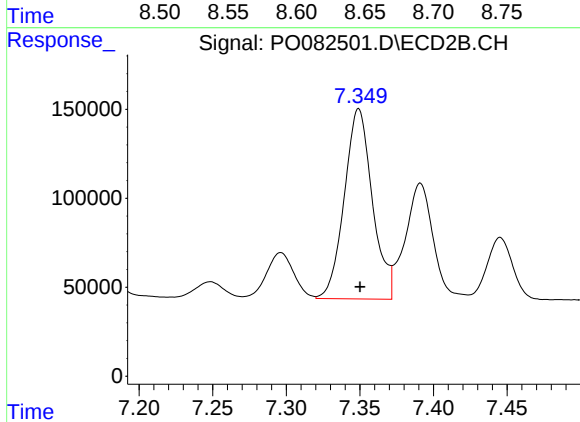
#35 AR-1260-5

R.T.: 7.903 min
Delta R.T.: -0.003 min
Response: 1766677
Conc: 424.28 ng/ml



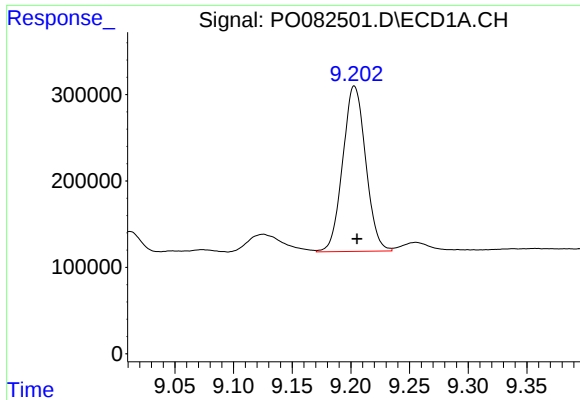
#36 AR-1262-1

R.T.: 8.638 min
Delta R.T.: -0.001 min
Response: 1149890
Conc: 309.91 ng/ml



#36 AR-1262-1

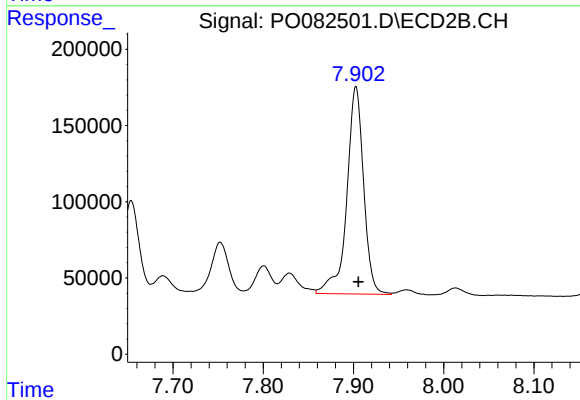
R.T.: 7.349 min
Delta R.T.: 0.000 min
Response: 1418581
Conc: 1186.97 ng/ml



#37 AR-1262-2

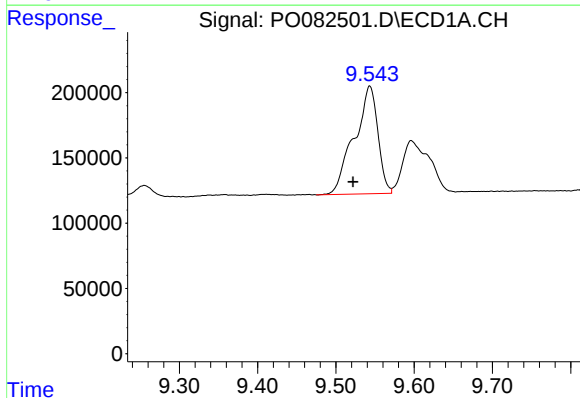
R.T.: 9.203 min
Delta R.T.: -0.002 min
Response: 2607480
Conc: 408.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



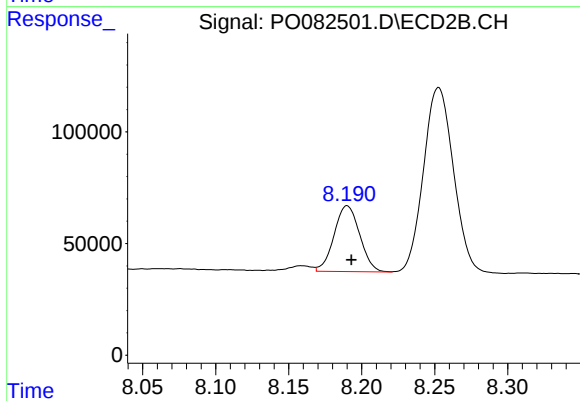
#37 AR-1262-2

R.T.: 7.903 min
Delta R.T.: -0.003 min
Response: 1766677
Conc: 432.90 ng/ml



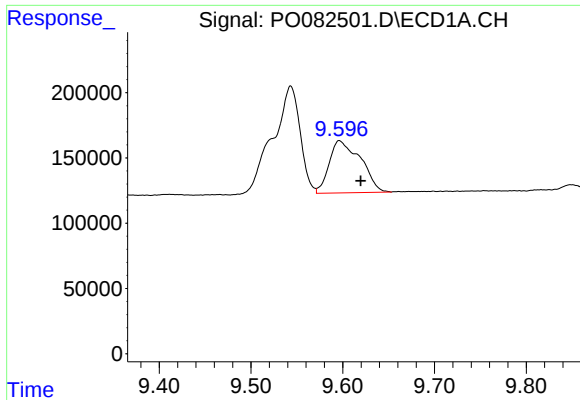
#38 AR-1262-3

R.T.: 9.543 min
Delta R.T.: 0.021 min
Response: 1726918
Conc: 602.22 ng/ml



#38 AR-1262-3

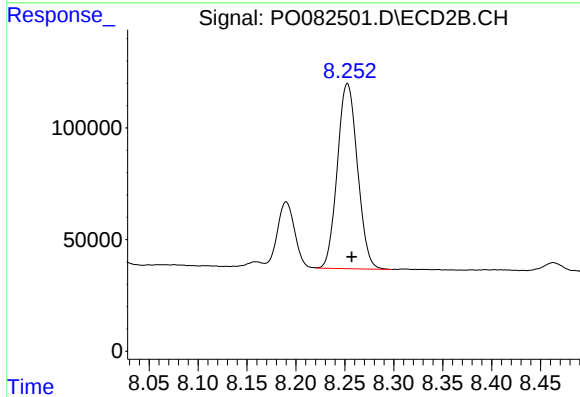
R.T.: 8.190 min
Delta R.T.: -0.003 min
Response: 359912
Conc: 220.71 ng/ml



#39 AR-1262-4

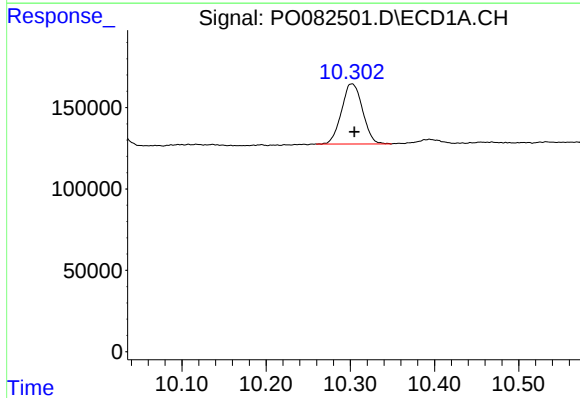
R.T.: 9.596 min
Delta R.T.: -0.023 min
Response: 951387
Conc: 563.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



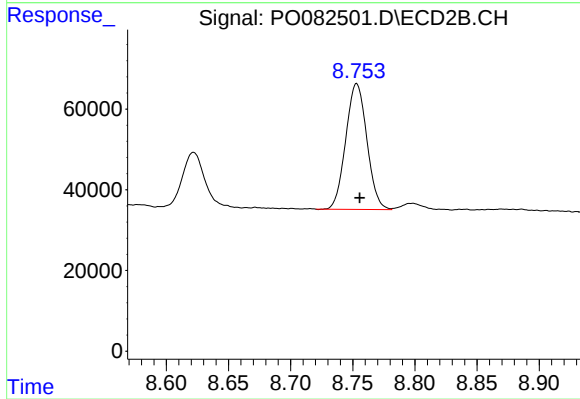
#39 AR-1262-4

R.T.: 8.253 min
Delta R.T.: -0.004 min
Response: 1187566
Conc: 407.82 ng/ml



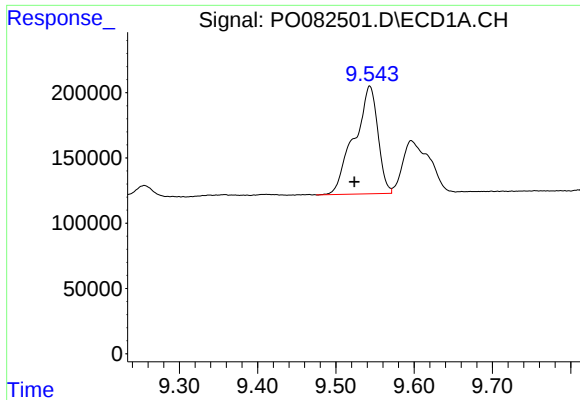
#40 AR-1262-5

R.T.: 10.302 min
Delta R.T.: -0.003 min
Response: 641961
Conc: 264.32 ng/ml



#40 AR-1262-5

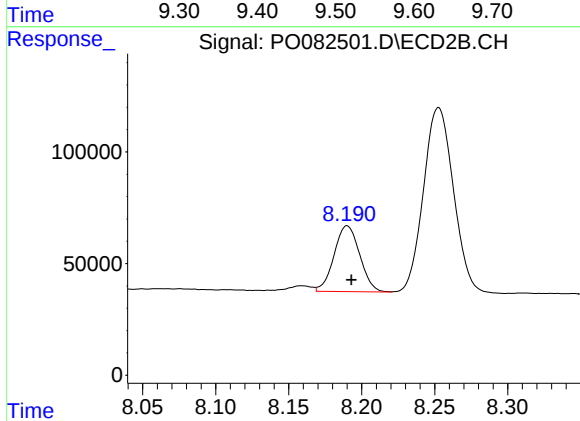
R.T.: 8.753 min
Delta R.T.: -0.003 min
Response: 369061
Conc: 269.37 ng/ml



#41 AR-1268-1

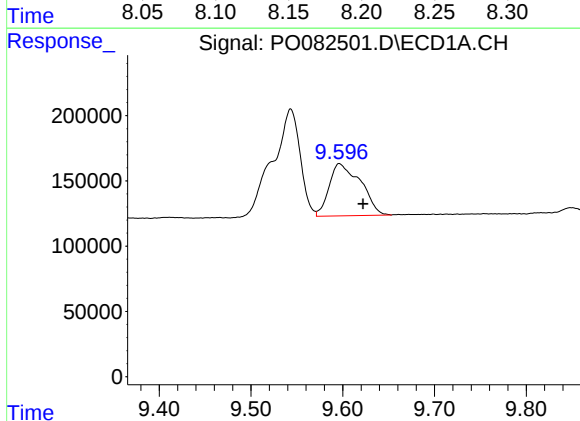
R.T.: 9.543 min
Delta R.T.: 0.020 min
Response: 1726918
Conc: 211.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



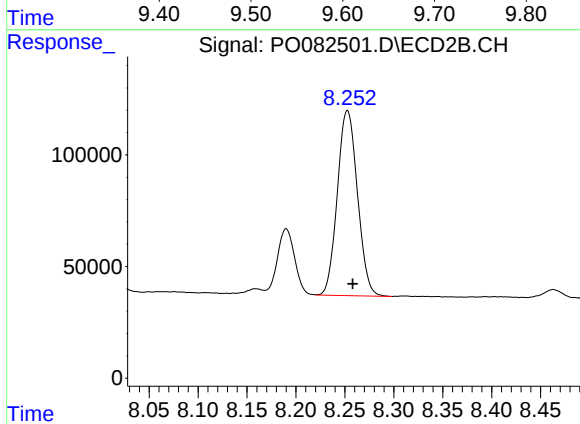
#41 AR-1268-1

R.T.: 8.190 min
Delta R.T.: -0.003 min
Response: 359912
Conc: 68.82 ng/ml



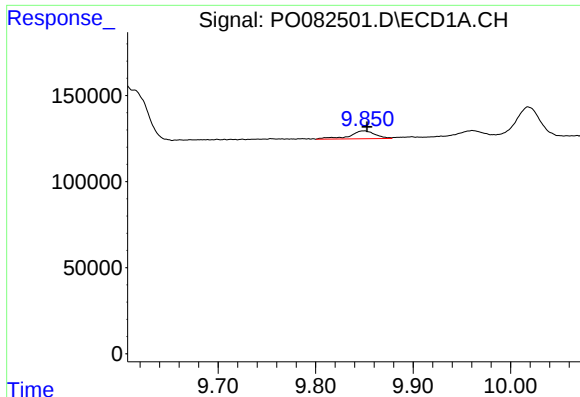
#42 AR-1268-2

R.T.: 9.596 min
Delta R.T.: -0.026 min
Response: 951387
Conc: 125.83 ng/ml



#42 AR-1268-2

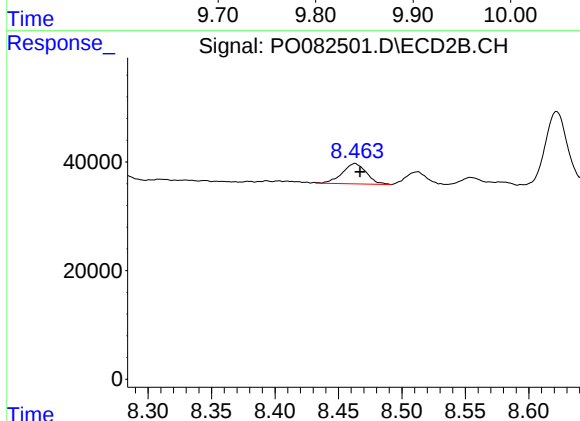
R.T.: 8.253 min
Delta R.T.: -0.005 min
Response: 1187566
Conc: 261.71 ng/ml



#43 AR-1268-3

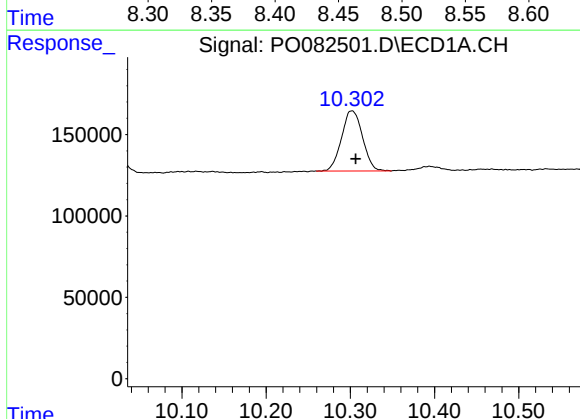
R.T.: 9.849 min
Delta R.T.: -0.004 min
Response: 81682
Conc: 12.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



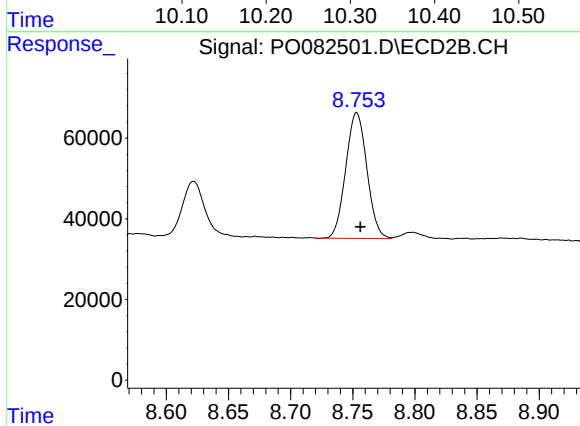
#43 AR-1268-3

R.T.: 8.463 min
Delta R.T.: -0.004 min
Response: 49460
Conc: 12.73 ng/ml



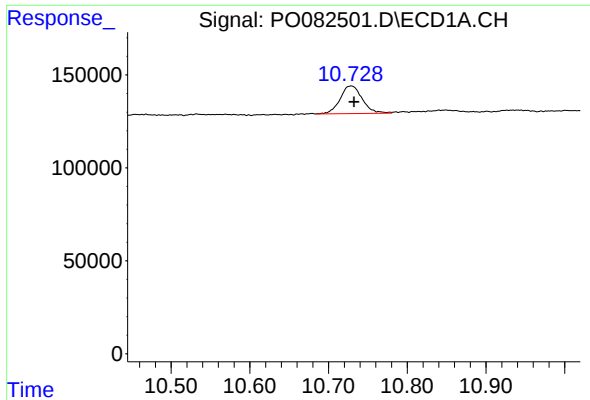
#44 AR-1268-4

R.T.: 10.302 min
Delta R.T.: -0.005 min
Response: 641961
Conc: 228.23 ng/ml



#44 AR-1268-4

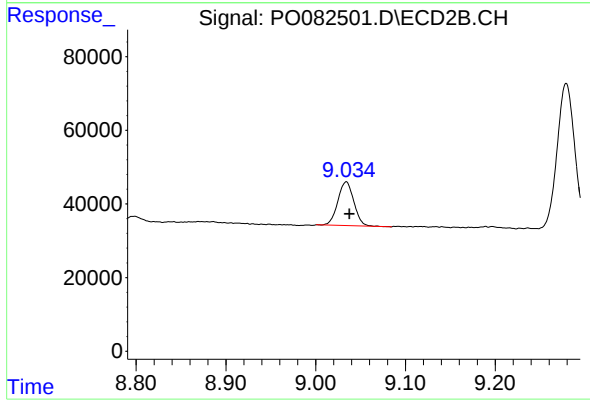
R.T.: 8.753 min
Delta R.T.: -0.003 min
Response: 369061
Conc: 232.29 ng/ml



#45 AR-1268-5

R.T.: 10.729 min
Delta R.T.: -0.004 min
Response: 290506
Conc: 13.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.034 min
Delta R.T.: -0.003 min
Response: 147672
Conc: 13.50 ng/ml